PB87-110391

Characteristics of Lakes in the Eastern United States. Volume 2 Lakes Sampled and Descriptive Statistics for Physical and Chemical Variables

(U.S.) Environmental Protection Agency
Washington, DC

Jun 86

U.S. Department of Commerce
National Technical Information Service

United States
Environmental Protection
Agency

Office of Research
and Development
Washington DC 20460

EPA/600/4-86/007b
June 1986

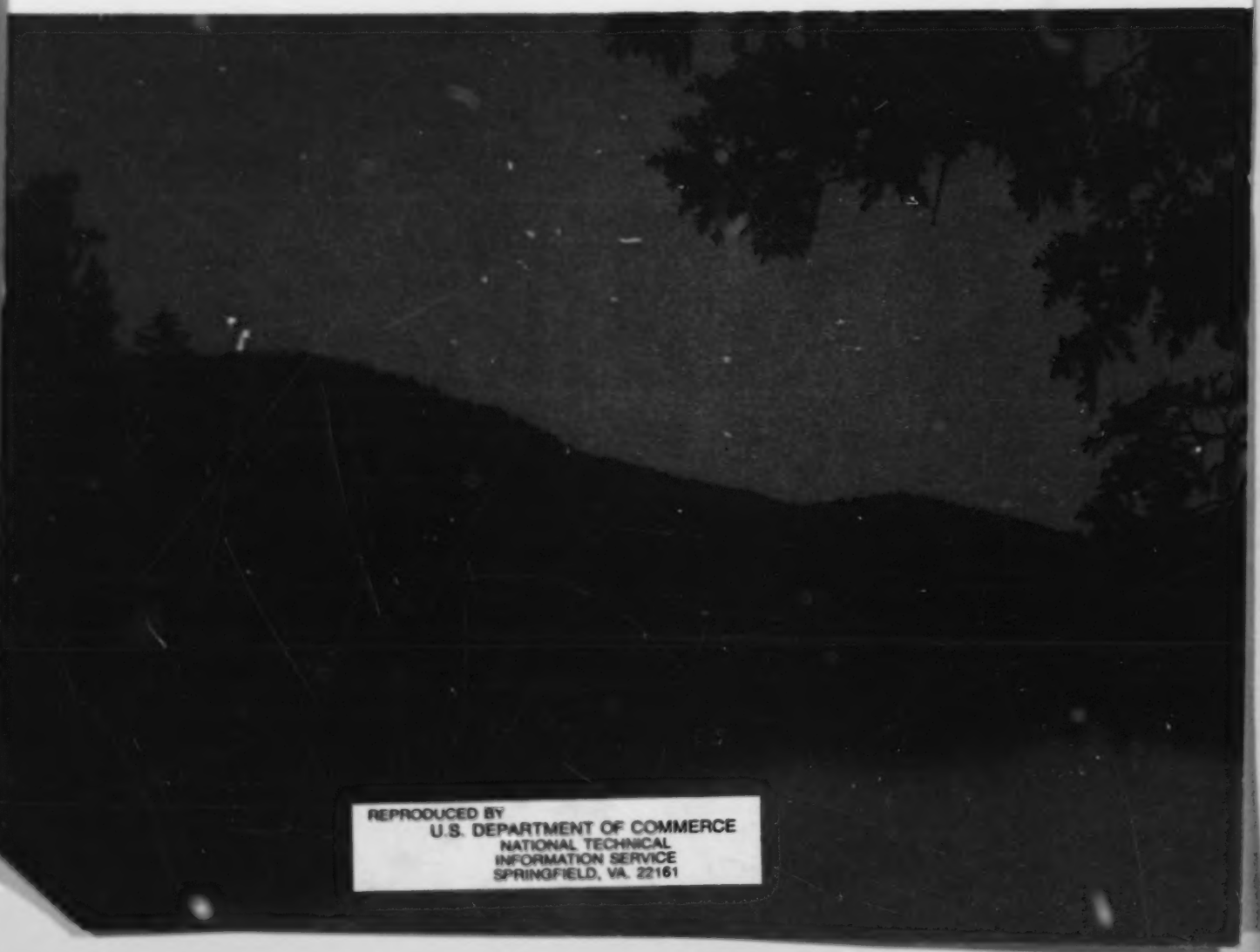
Acid Deposition Aquatic Effects Research Program

PB87-110391

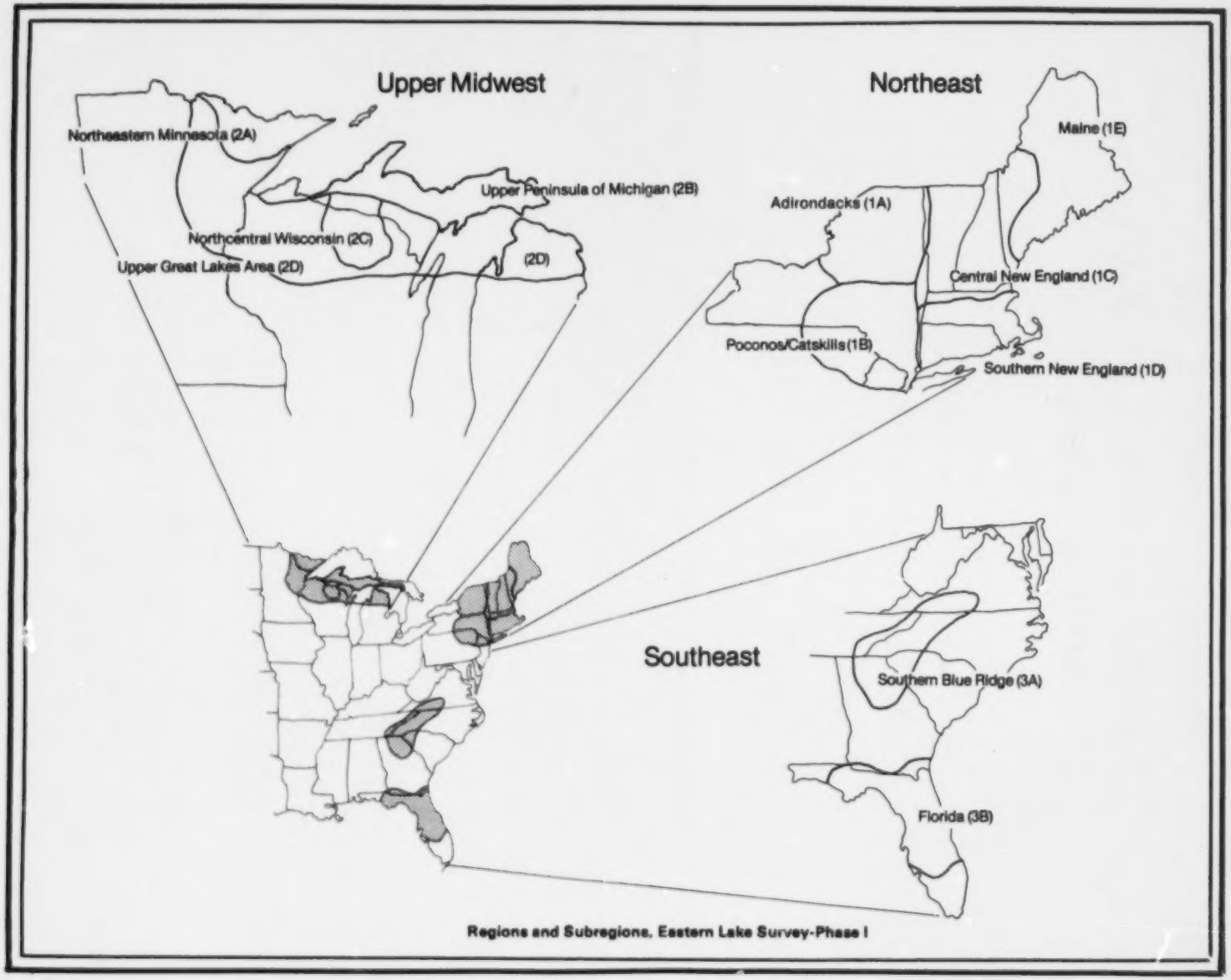
EPA

Characteristics of Lakes in the Eastern United States

Volume II. Lakes Sampled and Descriptive Statistics for Physical and Chemical Variables



REPRODUCED BY
U.S. DEPARTMENT OF COMMERCE
NATIONAL TECHNICAL
INFORMATION SERVICE
SPRINGFIELD, VA. 22161



Regions and Subregions, Eastern Lake Survey-Phase I

TECHNICAL REPORT DATA
(Please read Instructions on the reverse before completing)

1. REPORT NO.	2.	3. RECIPIENT'S ACCESSION NO.
EPA/600/4-86/007b		PB87 110391/AS

4. TITLE AND SUBTITLE	5. REPORT DATE
CHARACTERISTICS OF LAKES IN THE EASTERN UNITED STATES: Volume II. Lakes Samples and Descriptive Statistics for Physical and Chemical Variables	June 1986
	6. PERFORMING ORGANIZATION CODE
7. AUTHOR(S) See page ii of report	8. PERFORMING ORGANIZATION REPORT NO.
9. PERFORMING ORGANIZATION NAME AND ADDRESS	10. PROGRAM ELEMENT NO.
	11. CONTRACT/GRANT NO. 68-03-3249; 68-03-3050; 68-02-3889; 68-03-3246; [illegible]40-1441-84
12. SPONSORING AGENCY NAME AND ADDRESS Office of Acid Deposition, Environmental Monitoring, and Quality Assurance, ORD U.S. Environmental Protection Agency Washington, DC 20460	13. TYPE OF REPORT AND PERIOD COVERED
	14. SPONSORING AGENCY CODE EPA/600/19

15. SUPPLEMENTARY NOTES

EPA/600/4-86/007a (Volume I.); EPA/600/4-86/007c (Volume III)

16. ABSTRACT

A water sample was collected from each of 1612 lakes. This subset of lakes was selected from within three regions of the eastern U.S. (the Northeast, Upper Midwest and Southeast) expected to exhibit low buffering capacity. Each region was divided in subregions. Subregions were further stratified by alkalinity map class.

A suite of chemical variables and physical attributes thought to influence or be influenced by surface water acidification was measured for each lake. The results of these measurements and data analyses are described. They comprise the Eastern Lake Survey - Phase I data base.

in the report.

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group

18. DISTRIBUTION STATEMENT	19. SECURITY CLASS (This Report)	21. NO. OF PAGES
RELEASE TO PUBLIC	UNCLASSIFIED	
	20. SECURITY CLASS (This page) UNCLASSIFIED	22. PRICE

EPA Form 2220-1 (Rev. 4-77) PREVIOUS EDITION IS OBSOLETE

EPA/600/4-86/007b
June 1986

CHARACTERISTICS OF LAKES IN THE EASTERN UNITED STATES

VOLUME II: LAKES SAMPLED AND DESCRIPTIVE STATISTICS FOR PHYSICAL AND CHEMICAL VARIABLES

By:

W. S. Overton, P. Kanciruk, L. A. Hook,
J. M. Eilers, D. H. Landers, D. F. Brakke,
D. J. Blick, Jr., R. A. Linthurst, M. D. DeHaan and J. M. Omernik

A Contribution to the
National Acid Precipitation Assessment Program

U. S. Environmental Protection Agency
Office of Research and Development, Washington, D. C. 20460
Environmental Research Laboratory, Corvallis, Oregon 97333
Environmental Monitoring Systems Laboratory, Las Vegas, Nevada 89109

NOTICE

The information in this document has been funded wholly or in part by the U. S. Environmental Protection Agency under Contract No. 68-03-3249 and 68-03-3050 to Lockheed Engineering and Management Services Company, Inc., No. 68-02-3889 to Radian Corporation, No. 68-03-3246 to Northrop Services, Inc., and Interagency Agreement No. 40-1441-84 with the U. S. Department of Energy. It has been subject to the Agency's peer and administrative review, and it has been approved for publication as an EPA document.

Mention of corporation names, trade names or commercial products does not constitute endorsement or recommendation for use.

Proper citation of this document is as follows:

Linthurst[1], R. A., D. H. Landers[2], J. M. Eilers[3], D. F. Brakke[4], W. S. Overton[5], E. P. Meier[6] and R. E. Crowe[6]. Characteristics of Lakes in the Eastern United States. Volume I: Population Descriptions and Physico-Chemical Relationships. EPA/600/4-86/007a, U. S. Environmental Protection Agency, Washington, D.C., 1986, 136 pp.

Overton, W. S., P. Kanciruk[7], L. A. Hook[8], J. M. Eilers, D. H. Landers, D. F. Brakke, D. J. Blick[3], Jr., R. A. Linthurst, M. D. DeHaan[3], and J. M. Omernik[9]. Characteristics of Lakes in the Eastern United States. Volume II: Lakes Sampled and Descriptive Statistics for Physical and Chemical Variables. EPA/600/4-86/007b, U. S. Environmental Protection Agency, Washington, D.C., 1986, 374 pp.

Kanciruk, P., J. M. Eilers, R. A. McCord[8], D. H. Landers, D. F. Brakke and R. A. Linthurst. Characteristics of Lakes in the Eastern United States. Volume III: Data Compendium of Site Characteristics and Chemical Variables. EPA/600/4-86/007c, U. S. Environmental Protection Agency, Washington, D.C., 1986, 439 pp.

[1]U. S. EPA Office of Research and Development, 401 M Street, S.W., Washington, D.C. 20460. Present address: U. S. EPA Environmental Monitoring Systems Laboratory, Mail-Drop 39, Research Triangle Park, North Carolina 27711.

[2]State University of New York, State University Research Center at Oswego, 300 Washington Blvd., Oswego, New York 13126. Present address: U. S. EPA Environmental Research Laboratory, 200 S.W. 35th Street, Corvallis, Oregon 97333.

[3]Northrop Services, Inc., U. S. EPA Environmental Research Laboratory, 200 S.W. 35th Street, Corvallis, Oregon 97333.

[4]Western Washington University, Institute for Watershed Studies, Environmental Sciences Bldg., Room 600, Bellingham, Washington 98225.

[5]Oregon State University, Department of Statistics, Kidder No. 8, Corvallis, Oregon 97331.

[6]U. S. EPA Environmental Monitoring Systems Laboratory, 944 E. Harmon Avenue, Las Vegas, Nevada 89114.

[7]Environmental Sciences Division, Oak Ridge National Laboratory, Post Office Box X, Oak Ridge, Tennessee 37831. Operated by Martin Marietta Energy Systems, Inc., under Contract No. DE-AC05-84OR21400 for the U. S. Department of Energy.

[8]Science Applications International Corporation, 800 Oak Ridge Turnpike, Oak Ridge, Tennessee 37831.

[9]U. S. EPA Environmental Research Laboratory, 200 S.W. 35th Street, Corvallis, Oregon 97333.

Inquiries regarding the availability of the Eastern Lake Survey - Phase I data base should be directed, in writing, to:

Chief, Air Branch
U. S. EPA Environmental Research Laboratory
200 S.W. 35th Street
Corvallis, Oregon 97333

RELATED DOCUMENTS[1]

Anonymous. National Surface Water Survey, National Lake Survey - Phase I, Research Plan. U. S. Environmental Protection Agency, Washington, D.C., (internal document), 1984.

Best, M. D., L. W. Creelman, S. K. Drouse and D. J. Chaloud. National Surface Water Survey, Eastern Lake Survey - Phase I, Quality Assurance Report. EPA/600/4-85/011, U. S. Environmental Protection Agency, Las Vegas, Nevada, 1986.

Drouse, S. K., D. C. J. Hillman, L. W. Creelman, J. F. Potter and S. J. Simon. National Surface Water Survey, Eastern Lake Survey - Phase I, Quality Assurance Plan. EPA/600/4-86/008, U. S. Environmental Protection Agency, Las Vegas, Nevada, 1986.

Eilers, J. M., D. J. Blick, Jr. and M. D. DeHaan. National Surface Water Survey, Eastern Lake Survey - Phase I. Validation of the Eastern Lake Survey - Phase I Data Base. U. S. Environmental Protection Agency, Corvallis, Oregon, 1986.

Hillman, D. C. J., J. F. Potter and S. J. Simon. National Surface Water Survey, Eastern Lake Survey - Phase I, Analytical Methods Manual. EPA/600/4-86/009, U. S. Environmental Protection Agency, Las Vegas, Nevada, 1986.

Kanciruk, P., R. A. McCord, L. A. Hook and M. J. Gentry. National Surface Water Survey, Eastern Lake Survey - Phase I, Data Base Dictionary. Oak Ridge National Laboratory, Technical Manual ORNL, 1986.

Morris, F. A., D. V. Peck, M. B. Bonoff and K. J. Cabble. National Surface Water Survey, Eastern Lake Survey - Phase I, Field Operations Report. EPA/600/4-86/010, U. S. Environmental Protection Agency, Las Vegas, Nevada, 1986.

Overton, W. S. National Surface Water Survey, Eastern Lake Survey - Phase I, Data Analysis Plan. U. S. Environmental Protection Agency, Corvallis, Oregon, 1986.

---

[1]Many of the documents are in draft form at the time of this publication.

VOLUME I CONTENTS

Section			Page
NOTICE			ii
PREFACE			iii
VOLUME II CONTENTS			ix
VOLUME III CONTENTS			x
FIGURES			xi
TABLES			xv
RELATED DOCUMENTS			xix
CONTRIBUTORS			xx
ACKNOWLEDGMENTS			xxii
EXECUTIVE SUMMARY			xxv
1.	INTRODUCTION		1
2.	METHODS		3
	2.1	DESIGN	3
		2.1.1 Data Quality Objectives	3
		2.1.2 Lake Representation	3
		2.1.3 Statistical Design	3
		2.1.4 Identification of Study Area	4
	2.2	LAKE SELECTION	4
		2.2.1 Delineation of Strata	4
		2.2.2 Development of the Map Population and Frame	4
		2.2.3 Probability Sample	6
		2.2.4 Identification and Refinement of Frame Population	6
		2.2.5 Special Interest Lakes	9
		2.2.6 Final Lake Lists and Maps	9

VOLUME I CONTENTS (Continued)

Section		Page
2.3	APPLICATIONS OF THE DESIGN	10
2.3.1	Defining the Target Population	10
2.3.2	Estimating the Target Population Size and Associated Variance from Sample Data	11
2.3.3	Subpopulations	12
2.3.4	Restrictions	13
2.4	LAKE CHARACTERIZATION	13
2.4.1	Lake Area and Elevation	13
2.4.2	Watershed Area	13
2.4.3	Lake Type	13
2.5	WATER SAMPLE PARAMETERS AND ANALYTICAL METHODOLOGY	14
2.6	FIELD METHODS	14
2.6.1	Site Description	17
2.6.2	In Situ Measurements	17
2.6.3	Collection of Water Samples	17
2.6.4	Field Laboratory Activities	17
2.7	ANALYTICAL SUPPORT	20
2.8	DATA BASE MANAGEMENT	20
2.8.1	Overview	20
2.8.2	Data Base Design and Data Flow	20
2.8.3	Data Base Structure	22
3.	QUALITY ASSURANCE	23
3.1	PREPARATION FOR THE SURVEY	23
3.2	IMPLEMENTATION OF QUALITY ASSURANCE/QUALITY CONTROL ACTIVITIES	23
3.3	DATA VERIFICATION AND VALIDATION	23
3.3.1	Verification	24
3.3.2	Validation	26
3.4	DEVELOPMENT OF FINAL DATA SET	27
3.5	QUALITY ASSURANCE/QUALITY CONTROL RESULTS	28
3.5.1	Site Confirmation and Characterization	28
3.5.2	Evaluation of QA Sample Data	28

VOLUME I CONTENTS (Continued)

Section		Page
4.	RESULTS OF POPULATION ESTIMATES	32
4.1	DATA PRESENTATION AND CONSIDERATIONS	32
4.1.1	Presentation	32
4.1.2	Design Considerations	32
4.1.2.1	Design Constraints	32
4.1.2.2	Data Quality	33
4.2	DESCRIPTION OF THE TARGET POPULATION.	33
4.2.1	Number of Lakes Sampled	33
4.2.2	Treatment of Large, Shallow and Thermally-Stratified Lakes	35
4.2.3	Target Population and Population Estimates	35
4.3	DESCRIPTIVE STATISTICS AND CUMULATIVE DISTRIBUTIONS	36
4.3.1	Population Distributions	36
4.3.2	Definitions of Descriptive Statistics: Interpretation of F(x) and G(x) Data Output	36
4.3.2.1	Distributions	45
4.3.2.2	Statistics	45
4.3.3	Comparisons of Distributions	46
4.3.4	Interpretation of Alkalinity Map Classes	46
4.4	PHYSICAL CHARACTERISTICS OF REGIONAL LAKE POPULATIONS	49
4.4.1	Northeast	49
4.4.2	Upper Midwest	49
4.4.3	Southeast	49
4.4.3.1	Southern Blue Ridge - Subregion 3A	49
4.4.3.2	Florida - Subregion 3B	50
4.5	REGIONAL, SUBREGIONAL AND STATE POPULATION ESTIMATES: ANC AND pH	50
4.5.1	Acid Neutralizing Capacity	50
4.5.1.1	Reference Values	50
4.5.1.2	Northeast	50
4.5.1.3	Upper Midwest	51
4.5.1.4	Southeast	52
4.5.1.5	Estimates by State for ANC.	52
4.5.1.6	Stratified and Shallow Lakes	53

VOLUME I CONTENTS (Continued)

Section		Page
4.5.2	pH	55
4.5.2.1	Reference Values	55
4.5.2.2	Northeast	55
4.5.2.3	Upper Midwest	55
4.5.2.4	Southeast	55
4.5.2.5	Estimates by State for pH	55
4.6	REGIONAL AND SUBREGIONAL POPULATION ESTIMATES FOR OTHER PRIMARY VARIABLES	56
4.6.1	Sulfate	56
4.6.2	Calcium	58
4.6.3	Extractable Aluminum	60
4.6.4	Dissolved Organic Carbon	60
4.7	STATISTICS FOR POPULATION DESCRIPTIONS, PRIMARY VARIABLES	62
4.8	STATISTICS FOR POPULATION DESCRIPTIONS, SECONDARY VARIABLES	62
4.8.1	Nutrients	62
4.8.2	True Color, Turbidity and Secchi Disk Transparency	63
4.8.3	Sodium, Potassium and Magnesium	63
4.8.4	Iron, Manganese and Total Aluminum	64
4.8.5	Other Secondary Variables	65
4.9	CHARACTERISTICS OF SPECIAL INTEREST LAKES	65
5.	RESULTS AND DISCUSSION OF ASSOCIATIONS AMONG VARIABLES	67
5.1	RELATIONSHIPS OF pH AND ANC	67
5.1.1	Comparison of pH Measurements	67
5.1.2	Relationship between pH and ANC	68
5.1.3	Comparison of Lake Sensitivity Indices	72
5.2	SELECTED ASSOCIATIONS AMONG CHEMICAL VARIABLES	74
5.2.1	Introduction	74
5.2.2	Sulfate	75
5.2.3	Extractable Aluminum	75
5.2.3.1	Background.	75
5.2.3.2	Associations between Extractable Aluminum and Other Variables.	77
5.2.4	ANC Versus Base Cations.	79

VOLUME I CONTENTS (Continued)

Section		Page
	5.2.5 Major Cations and Anions	84
	5.2.5.1 Individual Example Lakes	84
	5.2.5.2 Order of Major Ions	86
	5.2.5.3 Relationships among Major Ions	91
	5.2.6 Dissolved Organic Carbon (DOC)	94
	5.2.6.1 Color and DOC	94
	5.2.6.2 Anion Deficit	97
5.3	HYDROLOGY	100
	5.3.1 Hydrologic Lake Type	100
	5.3.2 Hydraulic Residence Time	103
5.4	CHARACTERISTICS OF ACIDIC LAKES	108
6.	REGIONAL AND SUBREGIONAL CHARACTERISTICS	110
6.1	NORTHEAST	110
	6.1.1 Adirondacks (1A)	111
	6.1.2 Catskills/Poconos (1B)	112
	6.1.3 Central New England (1C)	112
	6.1.4 Southern New England (1D)	113
	6.1.5 Maine (1E)	113
6.2	UPPER MIDWEST	114
	6.2.1 Northeastern Minnesota (2A)	114
	6.2.2 Upper Peninsula of Michigan (2B)	115
	6.2.3 Northcentral Wisconsin (2C)	115
	6.2.4 Upper Great Lakes Area (2D)	115
6.3	SOUTHEAST	116
	6.3.1 Southern Blue Ridge (3A)	116
	6.3.2 Florida (3B)	116
7.	SUMMARY OBSERVATIONS	119
7.1	OBJECTIVES	119
7.2	EXTENT AND LOCATION OF ACIDIC AND LOW pH LAKES	119
	7.2.1 Acidic Lakes	119
	7.2.2 Low pH Lakes	119
7.3	EXTENT AND LOCATION OF LOW ANC LAKES	120

VOLUME I CONTENTS (Continued)

Section		Page
7.4	CHEMICAL CHARACTERIZATION	120
7.4.1	Sulfate	120
7.4.2	Calcium	120
7.4.3	Extractable Aluminum	120
7.4.4	Dissolved Organic Carbon	121
7.4.5	Major Cations and Anions	121
7.5	FUTURE STUDIES	121
8.	REFERENCES	123
9.	GLOSSARY	130

VOLUME II CONTENTS

Section			Page
NOTICE			ii
RELATED DOCUMENTS			iv
VOLUME I CONTENTS			v
VOLUME III CONTENTS			xii
FIGURES			xiii
TABLES			xxiii
1.	INTRODUCTION		1
2.	DESCRIPTIONS/DEFINITIONS OF PARAMETERS		4
3.	MAPS SHOWING LAKE LOCATIONS		11
4.	REGULAR LAKES SORTED BY LAKE ID		34
5.	REGULAR LAKES SORTED BY STATE AND LAKE NAME		89
6.	SPECIAL INTEREST LAKES SORTED BY LAKE ID		144
7.	SPECIAL INTEREST LAKES SORTED BY STATE AND LAKE NAME		152
8.	USGS TOPOGRAPHIC MAPS		160
	8.1	Small-Scale Maps	160
	8.2	Large-Scale Maps	160
9.	POPULATION ESTIMATES FOR SELECTED PHYSICAL AND CHEMICAL VARIABLES		187
	9.1	Applications of the Design	187
		9.1.1 Defining the Target Population	187
		9.1.2 Estimating the Target Population Size and Associated Variance from Sample Data	188
		9.1.3 Subpopulations	190
		9.1.4 Restrictions	192
	9.2	Descriptive Statistics and Cumulative Distributions	192
		9.2.1 Population Distributions	193
		9.2.2 Definitions of the Descriptive Statistics: Interpretation of F(x) and G(x) Data Output	193
		9.2.2.1 Distributions	194
		9.2.2.2 Statistics	195

VOLUME III CONTENTS

Section	Page
NOTICE	ii
RELATED DOCUMENTS	iv
VOLUME I CONTENTS	v
VOLUME II CONTENTS	xi
1. INTRODUCTION	1
2. DESCRIPTIONS/DEFINITIONS OF PARAMETERS	3
3. DATA FOR INDIVIDUAL REGULAR LAKES SORTED BY LAKE ID	13
4. DATA FOR INDIVIDUAL SPECIAL INTEREST LAKES SORTED BY LAKE ID	337

APPENDICES

APPENDIX A	377
APPENDIX B	432

FIGURES

Number		Page
3-1	Regions sampled during the ELS-I	12
3-2	Region 1 of the ELS-I, with Subregions 1A-1E shown	13
3-3	Region 2 of the ELS-I, with Subregions 2A-2D shown	14
3-4	Region 3 of the ELS-I, with Subregions 3A and 3B shown	15
3-5	Sampled Lakes in Connecticut	16
3-6	Sampled Lakes in Florida	17
3-7	Sampled Lakes in Georgia	18
3-8	Sampled Lakes in Maine	19
3-9	Sampled Lakes in Massachusetts	20
3-10	Sampled Lakes in Michigan	21
3-11	Sampled Lakes in Minnesota	22
3-12	Sampled Lakes in New Hampshire	23
3-13	Sampled Lakes in New Jersey	24
3-14	Sampled Lakes in New York	25
3-15	Sampled Lakes in North Carolina	26
3-16	Sampled Lakes in Pennsylvania	27
3-17	Sampled Lakes in Rhode Island	28
3-18	Sampled Lakes in South Carolina	29
3-19	Sampled Lakes in Tennessee	30
3-20	Sampled Lakes in Vermont	31
3-21	Sampled Lakes in Virginia	32

Number		Page
3-22	Sampled Lakes in Wisconsin	33
9-1	Population estimates, aluminum, extractable (ALEX11), Region 1	196
9-2	Population estimates, aluminum, extractable (ALEX11), Subregion 1A	197
9-3	Population estimates, aluminum, extractable (ALEX11), Subregion 1B	198
9-4	Population estimates, aluminum, extractable (ALEX11), Subregion 1C	199
9-5	Population estimates, aluminum, extractable (ALEX11), Subregion 1D	200
9-6	Population estimates, aluminum, extractable (ALEX11), Subregion 1E	201
9-7	Population estimates, aluminum, extractable (ALEX11), Region 2	202
9-8	Population estimates, aluminum, extractable (ALEX11), Subregion 2A	203
9-9	Population estimates, aluminum, extractable (ALEX11), Subregion 2B	204
9-10	Population estimates, aluminum, extractable (ALEX11), Subregion 2C	205
9-11	Population estimates, aluminum, extractable (ALEX11), Subregion 2D	206
9-12	Population estimates, aluminum, extractable (ALEX11), Subregion 3A	207
9-13	Population estimates, aluminum, extractable (ALEX11), Subregion 3B	208
9-14	Population estimates, aluminum, total (ALTL11), Region 1	209
9-15	Population estimates, aluminum, total (ALTL11), Region 2	210
9-16	Population estimates, aluminum, total (ALTL11), Subregion 3A	211

Number		Page
9-17	Population estimates, aluminum, total (ALTL11), Subregion 3B	212
9-18	Population estimates, acid neutralizing capacity (ALKA11), Region 1	213
9-19	Population estimates, acid neutralizing capacity (ALKA11), Subregion 1A	214
9-20	Population estimates, acid neutralizing capacity (ALKA11), Subregion 1B	215
9-21	Population estimates, acid neutralizing capacity (ALKA11), Subregion 1C	216
9-22	Population estimates, acid neutralizing capacity (ALKA11), Subregion 1D	217
9-23	Population estimates, acid neutralizing capacity (ALKA11), Subregion 1E	218
9-24	Population estimates, acid neutralizing capacity (ALKA11), Region 2	219
9-25	Population estimates, acid neutralizing capacity (ALKA11), Subregion 2A	220
9-26	Population estimates, acid neutralizing capacity (ALKA11), Subregion 2B	221
9-27	Population estimates, acid neutralizing capacity (ALKA11), Subregion 2C	222
9-28	Population estimates, acid neutralizing capacity (ALKA11), Subregion 2D	223
9-29	Population estimates, acid neutralizing capacity (ALKA11), Subregion 3A	224
9-30	Population estimates, acid neutralizing capacity (ALKA11), Subregion 3B	225
9-31	Population estimates, ammonium (NH416), Region 1	226
9-32	Population estimates, ammonium (NH416), Region 2	227
9-33	Population estimates, ammonium (NH416), Subregion 3A	228
9-34	Population estimates, ammonium (NH416), Subregion 3B	229

Number		Page
9-35	Population estimates, area, lake (LAKE_SIZ), Region 1	230
9-36	Population estimates, area, lake (LAKE_SIZ), Region 2	231
9-37	Population estimates, area, lake (LAKE_SIZ), Subregion 3A	232
9-38	Population estimates, area, lake (LAKE_SIZ), Subregion 3B	233
9-39	Population estimates, calcium, (CA16), Region 1	234
9-40	Population estimates, calcium, (CA16), Subregion 1A	235
9-41	Population estimates, calcium, (CA16), Subregion 1B	236
9-42	Population estimates, calcium, (CA16), Subregion 1C	237
9-43	Population estimates, calcium, (CA16), Subregion 1D	238
9-44	Population estimates, calcium, (CA16), Subregion 1E	239
9-45	Population estimates, calcium, (CA16), Region 2	240
9-46	Population estimates, calcium, (CA16), Subregion 2A	241
9-47	Population estimates, calcium, (CA16), Subregion 2B	242
9-48	Population estimates, calcium, (CA16), Subregion 2C	243
9-49	Population estimates, calcium, (CA16), Subregion 2D	244
9-50	Population estimates, calcium, (CA16), Subregion 3A	245
9-51	Population estimates, calcium, (CA16), Subregion 3B	246
9-52	Population estimates, chloride (CL16), Region 1	247
9-53	Population estimates, chloride (CL16), Region 2	248
9-54	Population estimates, chloride (CL16), Subregion 3A	249
9-55	Population estimates, chloride (CL16), Subregion 3B	250
9-56	Population estimates, color, true (COLVAL), Region 1	251
9-57	Population estimates, color, true (COLVAL), Region 2	252

Number		Page
9-58	Population estimates, color, true (COLVAL), Subregion 3A	253
9-59	Population estimates, color, true (COLVAL), Subregion 3B	254
9-60	Population estimates, conductance (COND11), Region 1	255
9-61	Population estimates, conductance (COND11), Region 2	256
9-62	Population estimates, conductance (COND11), Subregion 3A	257
9-63	Population estimates, conductance (COND11), Subregion 3B	258
9-64	Population estimates, depth, site (SITDPM), Region 1	259
9-65	Population estimates, depth, site (SITDPM), Region 2	260
9-66	Population estimates, depth, site (SITDPM), Subregion 3A	261
9-67	Population estimates, depth, site (SITDPM), Subregion 3B	262
9-68	Population estimates, dissolved inorganic carbon (DICVAL), Region 1	263
9-69	Population estimates, dissolved inorganic carbon (DICVAL), Region 2	264
9-70	Population estimates, dissolved inorganic carbon (DICVAL), Subregion 3A	265
9-71	Population estimates, dissolved inorganic carbon (DICVAL), Subregion 3B	266
9-72	Population estimates, dissolved organic carbon (DOC11), Region 1	267
9-73	Population estimates, dissolved organic carbon (DOC11), Subregion 1A	268
9-74	Population estimates, dissolved organic carbon (DOC11), Subregion 1B	269
9-75	Population estimates, dissolved organic carbon (DOC11), Subregion 1C	270

Number		Page
9-76	Population estimates, dissolved organic carbon (DOC11), Subregion 1D	271
9-77	Population estimates, dissolved organic carbon (DOC11), Subregion 1E	272
9-78	Population estimates, dissolved organic carbon (DOC11), Region 2	273
9-79	Population estimates, dissolved organic carbon (DOC11), Subregion 2A	274
9-80	Population estimates, dissolved organic carbon (DOC11), Subregion 2B	275
9-81	Population estimates, dissolved organic carbon (DOC11), Subregion 2C	276
9-82	Population estimates, dissolved organic carbon (DOC11), Subregion 2D	277
9-83	Population estimates, dissolved organic carbon (DOC11), Subregion 3A	278
9-84	Population estimates, dissolved organic carbon (DOC11), Subregion 3B	279
9-85	Population estimates, dissolved organic carbon (DOC11), Region 1	280
9-86	Population estimates, dissolved organic carbon (DOC11), Subregion 1A	281
9-87	Population estimates, dissolved organic carbon (DOC11), Subregion 1B	282
9-88	Population estimates, dissolved organic carbon (DOC11), Subregion 1C	283
9-89	Population estimates, dissolved organic carbon (DOC11), Subregion 1D	284
9-90	Population estimates, dissolved organic carbon (DOC11), Subregion 1E	285
9-91	Population estimates, dissolved organic carbon (DOC11), Region 2	286

Number		Page
9-92	Population estimates, dissolved organic carbon (DOC11), Subregion 2A	287
9-93	Population estimates, dissolved organic carbon (DOC11), Subregion 2B	288
9-94	Population estimates, dissolved organic carbon (DOC11), Subregion 2C	289
9-95	Population estimates, dissolved organic carbon (DOC11), Subregion 2D	290
9-96	Population estimates, dissolved organic carbon (DOC11), Subregion 3A	291
9-97	Population estimates, dissolved organic carbon (DOC11), Subregion 3B	292
9-98	Population estimates, elevation, lake (ELEV), Region 1	293
9-99	Population estimates, elevation, lake (ELEV), Region 2	294
9-100	Population estimates, elevation, lake (ELEV), Subregion 3A	295
9-101	Population estimates, elevation, lake (ELEV), Subregion 3B	296
9-102	Population estimates, fluoride (FTL16), Region 1	297
9-103	Population estimates, fluoride (FTL16), Region 2	298
9-104	Population estimates, fluoride (FTL16), Subregion 3A	299
9-105	Population estimates, fluoride (FTL16), Subregion 3B	300
9-106	Population estimates, iron (FE11), Region 1	301
9-107	Population estimates, iron (FE11), Region 2	302
9-108	Population estimates, iron (FE11), Subregion 3A	303
9-109	Population estimates, iron (FE11), Subregion 3B	304
9-110	Population estimates, magnesium (MG16), Region 1	305
9-111	Population estimates, magnesium (MG16), Region 2	306
9-112	Population estimates, magnesium (MG16), Subregion 3A	307

Number		Page
9-113	Population estimates, magnesium (MG16), Subregion 3B	308
9-114	Population estimates, manganese (MN11), Region 1	309
9-115	Population estimates, manganese (MN11), Region 2	310
9-116	Population estimates, manganese (MN11), Subregion 3A	311
9-117	Population estimates, manganese (MN11), Subregion 3B	312
9-118	Population estimates, nitrate (NO316), Region 1	313
9-119	Population estimates, nitrate (NO316), Region 2	314
9-120	Population estimates, nitrate (NO316), Subregion 3A	315
9-121	Population estimates, nitrate (NO316), Subregion 3B	316
9-122	Population estimates, pH (PHSTVL), Region 1	317
9-123	Population estimates, pH (PHSTVL), Subregion 1A	318
9-124	Population estimates, pH (PHSTVL), Subregion 1B	319
9-125	Population estimates, pH (PHSTVL), Subregion 1C	320
9-126	Population estimates, pH (PHSTVL), Subregion 1D	321
9-127	Population estimates, pH (PHSTVL), Subregion 1E	322
9-128	Population estimates, pH (PHSTVL), Region 2	323
9-129	Population estimates, pH (PHSTVL), Subregion 2A	324
9-130	Population estimates, pH (PHSTVL), Subregion 2B	325
9-131	Population estimates, pH (PHSTVL), Subregion 2C	326
9-132	Population estimates, pH (PHSTVL), Subregion 2D	327
9-133	Population estimates, pH (PHSTVL), Subregion 3A	328
9-134	Population estimates, pH (PHSTVL), Subregion 3B	329
9-135	Population estimates, phosphorus (PTL11), Region 1	330
9-136	Population estimates, phosphorus (PTL11), Region 2	331

Number		Page
9-137	Population estimates, phosphorus (PTL11), Subregion 3A	332
9-138	Population estimates, phosphorus (PTL11), Subregion 3B	333
9-139	Population estimates, potassium (K16), Region 1	334
9-140	Population estimates, potassium (K16), Region 2	335
9-141	Population estimates, potassium (K16), Subregion 3A	336
9-142	Population estimates, potassium (K16), Subregion 3B	337
9-143	Population estimates, Secchi disk transparency (SECMEAN), Region 1	338
9-144	Population estimates, Secchi disk transparency (SECMEAN), Region 2	339
9-145	Population estimates, Secchi disk transparency (SECMEAN), Subregion 3A	340
9-146	Population estimates, Secchi disk transparency (SECMEAN), Subregion 3B	341
9-147	Population estimates, silica (SIO211), Region 1	342
9-148	Population estimates, silica (SIO211), Region 2	343
9-149	Population estimates, silica (SIO211), Subregion 3A	344
9-150	Population estimates, silica (SIO211), Subregion 3B	345
9-151	Population estimates, sodium (NA16), Region 1	346
9-152	Population estimates, sodium (NA16), Region 2	347
9-153	Population estimates, sodium (NA16), Subregion 3A	348
9-154	Population estimates, sodium (NA16), Subregion 3B	349
9-155	Population estimates, sulfate (SO416), Region 1	350
9-156	Population estimates, sulfate (SO416), Subregion 1A	351
9-157	Population estimates, sulfate (SO416), Subregion 1B	352
9-158	Population estimates, sulfate (SO416), Subregion 1C	353

Number		Page
9-159	Population estimates, sulfate (SO416), Subregion 1D	354
9-160	Population estimates, sulfate (SO416), Subregion 1E	355
9-161	Population estimates, sulfate (SO416), Region 2	356
9-162	Population estimates, sulfate (SO416), Subregion 2A	357
9-163	Population estimates, sulfate (SO416), Subregion 2B	358
9-164	Population estimates, sulfate (SO416), Subregion 2C	359
9-165	Population estimates, sulfate (SO416), Subregion 2D	360
9-166	Population estimates, sulfate (SO416), Subregion 3A	361
9-167	Population estimates, sulfate (SO416), Subregion 3B	362
9-168	Population estimates, turbidity (TURVAL), Region 1	363
9-169	Population estimates, turbidity (TURVAL), Region 2	364
9-170	Population estimates, turbidity (TURVAL), Subregion 3A	365
9-171	Population estimates, turbidity (TURVAL), Subregion 3B	366
9-172	Population estimates, watershed area (WSHED) Region 1	367
9-173	Population estimates, watershed area (WSHED) Region 2	368
9-174	Population estimates, watershed area (WSHED) Subregion 3A	369
9-175	Population estimates, watershed area (WSHED) Subregion 3B	370
9-176	Population estimates, watershed area/lake area (WALA) Region 1	371
9-177	Population estimates, watershed area/lake area (WALA) Region 2	372
9-178	Population estimates, watershed area/lake area (WALA) Subregion 3A	373
9-179	Population estimates, watershed area/lake area (WALA) Subregion 3B	374

TABLES

Number		Page
2-1	Description/Definition of Parameters	5
4-1	Regular Lakes Sorted by Lake ID	35
5-1	Regular Lakes Sorted by State and Lake Name	90
6-1	Special Interest Lakes Sorted by Lake ID	145
7-1	Special Interest Lakes Sorted by State and Lake Name	153
8-1	Small Scale Maps	161
8-2	Large Scale Maps	163

SECTION 1

INTRODUCTION

As part of the National Acid Precipitation Assessment Program, the U.S. Environmental Protection Agency initiated the National Surface Water Survey (NSWS) in 1983. The NSWS, which includes both lakes and streams, has three primary goals and three distinct phases: (1) quantify the present chemical status of surface waters in the U.S. (Phase I), (2) assess the temporal and spatial variability in aquatic chemistry and define the key biological resources associated with surface waters (Phase II) and (3) identify temporal trends in surface water chemistry and biology (Phase III).

The ELS-I was designed to provide the information needed to assess the chemical status of lakes in areas of the eastern U.S. containing the majority of low alkalinity systems. Lakes were selected statistically from the population of lakes within the northeastern, southeastern and upper midwestern regions of the U.S. Variables thought to influence or be influenced by surface water acidification were measured using standardized methods. The ELS-I data base may be used to investigate correlative relationships among chemical variables on a regional basis and to estimate the chemical status of lakes within a specific region.

The primary objectives of the ELS-I were to:

(1) determine the percentage (by number and area) and location of lakes that are acidic in potentially sensitive regions of the eastern U.S.;

(2) determine the percentage (by number and area) and location of lakes that have low acid neutralizing capacity in potentially sensitive regions of the eastern U.S.; and

(3) determine the chemical characteristics of lake populations in potentially sensitive regions of the eastern U.S. and provide the data base for selecting lakes for future studies.

Sampling for the ELS-I was completed in the fall of 1984. The purpose of this report, entitled *Chemical Characteristics of Lakes in the Eastern United States*, is to present the results obtained during that survey. The report consists of three volumes, Volume I: *Population Descriptions and Physico-Chemical Relationships*; Volume II: *Lakes Sampled and Descriptive Statistics for Physical and Chemical Variables*; and Volume III: *Data Compendium of Site Characteristics and Chemical Variables*. This volume, Volume II, provides supplemental information that was not presented in detail in Volume I. The additional information includes data for those lakes that were part of the probability sample ("regular" lakes; Volume I, Section 2.2.3) and those lakes that were not ("special interest" lakes; Volume I, Section 2.2.5).

This volume of the report is presented as nine sections including this Introduction (Section 1). Descriptions and definitions of parameters presented here are given in Section 2. Section 3 provides a map of the eastern United States showing the three regions in which sampling was conducted (Northeast, Upper Midwest and Southeast). Three maps of these regions, on which the eleven subregional boundaries are delineated, are included. Additionally, maps showing the locations of sampled lakes within each state are presented. Regular lakes, sorted by lake identification code (Lake ID) and by lake names within states, are listed in Sections 4 and 5, respectively. Similar lists for special interest lakes are given in Sections 6 and 7. Section 8 lists the U.S. Geological Survey maps used in the selection of probability sample lakes (Volume I, Section 2.2). The final section (Section 9) includes estimates of selected physical and chemical variables, based on the probability sample lakes, for the subpopulation of lakes $\leq$2000 ha. These estimates are presented as plots of cumulative frequency [F(x)] and areal [G(x)] distributions (Volume I, Section 4.3). The distributions include those for physical variables (Volume I, Section 4.4), primary variables (Volume I, Section 4.7), and secondary variables (Volume I, Section 4.8). The reference values and population estimates pertaining to these values are provided for the six

primary variables, ANC, pH, sulfate, calcium, extractable aluminum, and dissolved organic carbon (Volume I, Sections 4.5 and 4.6). No reference values for the physical variables or the secondary variables are given.

The data presented here are a subset of the ELS-I data base. Information concerning the distribution of the complete data set is presented in the Notice (page ii). The correct use and interpretation of these data require an understanding the ELS-I design described in detail in Volume I, Section 4.1.2.1. Explanation of the cumulative distributions is given in Volume I, Section 4.3 and in this volume, in Section 9.

SECTION 2

DESCRIPTION/DEFINITION OF PARAMETERS

To satisfy the objectives of the ELS-I, a number of physical and chemical parameters were measured using standardized protocols (Volume I, Sections 2.4 through 2.7). The physical parameters such as lake and watershed areas (Volume I, Section 2.4) were measured because of their importance in interpreting chemical data collected from lakes. The chemical parameters measured (Volume I, Section 2.5) included those that are considered to be relevant to evaluating the potential response of lakes to acidic deposition and those that are most useful in characterizing the chemical status of a population of lakes. The ELS-I data base contains the values of each of these parameters, as well as extensive information on the location and identification of the lakes sampled.

Table 2-1 lists, in alphabetical order, the names and units of the parameters presented in this volume. Additionally, the name of each parameter as it appears in the data base is given. Brief definitions and/or descriptions of the methods used in their determination are given for the parameters. More extensive descriptions are given in Volume I, Section 2 and in Hillman et al. (1986).

TABLE 2-1. DESCRIPTION/DEFINITION OF PARAMETERS

Parameter (unit)	Data Base Name	Description/Definition
Acid Neutralizing Capacity (ueq L^{-1})	ALKA11	Acid neutralizing capacity is a measure of the amount of acid necessary to neutralize the bicarbonate, carbonate, hydroxyl, and other bases in a sample. Acid neutralizing capacity was measured in the analytical laboratory in an unfiltered, unacidified aliquot, using acidimetric titration and modified Gran analysis (Hillman et al. 1986; Kramer 1984).
Aluminum, Extractable (ug L^{-1})	ALEX11	Extractable aluminum is an estimate of labile, monomeric aluminum. Aluminum in an unacidified, filtered sample was complexed with 8-hydroxyquinoline and extracted with methyl-isobutyl ketone (MIBK) in the field laboratory. The aluminum was then measured in the analytical laboratory, using the method described in Hillman et al. (1986). Values were converted from mg L^{-1} to ug L^{-1} for data analysis.
Aluminum, Total (ug L^{-1})	ALTL11	Total aluminum was measured in the analytical laboratory in an unfiltered, acidified (HNO_3) aliquot (EPA 202.2, AAS, atomic absorption spectroscopy, graphite furnace). Values were converted from mg L^{-1} to ug L^{-1} for data analysis.
Ammonium (ueq L^{-1})	NH416	Ammonium ion was measured in the analytical laboratory in a filtered, acidified (H_2SO_4) aliquot (EPA 350.1, colorimetric, automated). Values were converted from mg L^{-1} to ueq L^{-1} for data analysis.

(continued)

TABLE 2-1. (Continued)

Parameter (unit)	Data Base Name	Description/Definition
Calcium (ueq L^{-1})	CA16	Calcium was measured in the analytical laboratory in a filtered, acidified (HNO_3) aliquot (EPA 215.1, AAS, flame). Values were converted from mg L^{-1} to ueq L^{-1} for data analysis.
Chloride (ueq L^{-1})	CL16	Chloride ion was measured in the analytical laboratory in an aliquot from a filtered, unacidified sample (ASTM 1984; O'Dell et al. 1984, ion chromatographic methods). Values were converted from mg L^{-1} to ueq L^{-1} for data analysis.
Color, True (PCU)	COLVAL	True color is a measure of the dissolved and colloidal substances in water that reduce light transmission. True color was measured in the field laboratory in a centrifuged aliquot (to remove particles), using a Hach model CO-1 Comparator (EPA 110.2, modified).
Conductance (uS cm^{-1})	COND11	Conductance is a measure of the resistance of a water sample to an electrical current. Conductance was measured in the analytical laboratory using a conductivity cell (EPA 120.1).
Date Sampled	DATSMP	Date sampled is the date on which the lake sample was collected.
Depth, Site (m)	SITDPM	Sampling-site depth was measured using a weighted line, and was not necessarily the maximum lake depth.

(continued)

TABLE 2-1. (Continued)

Parameter (unit)	Data Base Name	Description/Definition
Dissolved Inorganic Carbon (mg L^{-1})	DICVAL	Dissolved inorganic carbon was measured in the field laboratory. The sample was drawn directly into a syringe from the Van Dorn water sampler at the lake site, filtered, and analyzed, without exposure to the atmosphere, using a Dohrmann model DC-80 carbon analyzer with an infrared spectrophotometric detector (EPA 415.2, modified).
Dissolved Organic Carbon (mg L^{-1})	DOC11	Dissolved organic carbon was measured in the analytical laboratory in a filtered, acidified (H_2SO_4) aliquot (EPA 415.2, infrared spectrophotometric detector).
Elevation, Lake (m)	ELEV	Elevation of the lake surface was determined from USGS topographic maps or was estimated from topographic contour lines.
Fluoride (ueq L^{-1})	FTL16	Total dissolved fluoride was measured in the analytical laboratory in a filtered, unacidified aliquot, using an ion-selective electrode (ISE, EPA 340.2, modified). Values were converted from mg L^{-1} to ueq L^{-1} for data analysis.
Iron (ug L^{-1})	FE11	Dissolved iron was measured in the analytical laboratory, in a filtered, acidified (HNO_3) aliquot (EPA 236.1, AAS, flame). Values were converted from mg L^{-1} to ug L^{-1} for data analysis.
Lake Area (ha)	LAKE_SIZ	Lake surface area was measured on USGS topographic maps using an electronic planimeter.

(continued)

TABLE 2-1. (Continued)

Parameter (unit)	Data Base Name	Description/Definition
Lake ID	LAKE_ID	Lake ID is a seven-character, unique identification code assigned to each lake. The first character is a digit representing the Region (1, 2, or 3); the second is a letter indicating the subregion; the third is a digit, giving the alkalinity map class; and the fourth, a dash. The last three digits are the assigned lake number.
Lake Name	LAKENAME	Lake name was taken from the USGS topographic maps or, in some cases, substituted with more recent information from state sources. When a number of small water bodies were identified by only one name on the map, a qualifier was added to the name, such as "southern," to identify the lake sampled. When no name was listed, "(NO NAME)" was entered into the data base as the lake name.
Latitude	LAT	Latitude was read from the USGS topographic maps in DD-MM-SS (degrees-minutes-seconds) format.
Longitude	LONG	Longitude was read from the USGS topographic maps in DDD-MM-SS format.
Magnesium (ueq L^{-1})	MG16	Dissolved magnesium was measured in the analytical laboratory in a filtered, acidified (HNO_3) aliquot (EPA 242.1, AAS, flame or furnace). Values were converted from mg L^{-1} to ueq L^{-1} for data analysis.
Manganese (ug L^{-1})	MN11	Dissolved manganese was measured in the analytical laboratory in a filtered, acidified (HNO_3) aliquot (EPA 243.1, AAS, flame). Values were converted from mg L^{-1} to ug L^{-1} for data analysis.

(continued)

TABLE 2-1. (Continued)

Parameter (unit)	Data Base Name	Description/Definition
Nitrate (ueq L^{-1})	NO316	Nitrate ion was measured in the analytical laboratory in a filtered, unacidified aliquot, using ion chromatography (ASTM 1984; O'Dell et al. 1984). Samples taken before November 2, 1984, were analyzed in a slightly different manner (see Volume I, Section 3.5.2). Values were converted from mg L^{-1} to ueq L^{-1} for data analysis.
pH	PHSTVL	Closed system pH was measured in the field laboratory, using an Orion model 611 meter and an Orion Ross combination pH electrode in a syringe sample unexposed to the atmosphere (EPA 150.1).
Phosphorus, total (ug L^{-1})	PTL11	Total phosphorous was measured in the analytical laboratory in an unfiltered, acidified (H_2SO_4) aliquot, using either of two automated, colorimetric, phosphomolybdate methods: for normal phosphorus levels, using a 15-mm absorption cell, or for low levels, a preliminary method using a 50-mm absorption cell (USGS I-4600-78). Values were converted from mg L^{-1} to ug L^{-1} for data analysis.
Potassium (ueq L^{-1})	K16	Dissolved potassium was measured in the analytical laboratory in a filtered, acidified (HNO_3) aliquot (EPA 258.1, AAS, flame). Values were converted from mg L^{-1} to ueq L^{-1} for data analysis.
Secchi Disk Transparency (m)	SECMEAN	Secchi disk transparency was determined by averaging the depths of Secchi disk disappearance and reappearance. When the Secchi disk was visible on the lake bottom, that value was entered.

(continued)

TABLE 2-1. (Continued)

Parameter (unit)	Data Base Name	Description/Definition
Silica (mg L^{-1})	SIO211	Silica was measured in the analytical laboratory in an unfiltered aliquot (USGS I-2700-78, colorimetric, molybdate blue, automated method).
Sodium (ueq L^{-1})	NA16	Dissolved sodium was measured in the analytical laboratory in a filtered, acidified (HNO_3) aliquot (EPA 273.1, AAS, flame). Values were converted from mg L^{-1} to ueq L^{-1} for data analysis.
State	ST	State is the state in which the lake is located, indicated as the standard two-character postal state abbreviation.
Sulfate (ueq L^{-1})	SO416	Sulfate ion was measured in the analytical laboratory in the filtered aliquot, using ion chromatography (ASTM 1984; O'Dell et al. 1984). Values were converted from mg L^{-1} to ueq L^{-1} for data analysis.
Turbidity (NTU)	TURVAL	Turbidity was measured in the field laboratory, using a Monitek model 21 nephelometer, reported in nephelometric turbidity units (EPA 180.1).
WA/LA	WALA	WA/LA is the ratio of watershed area to lake area.
Watershed Area (ha)	WSHED	Watershed area, which includes lake area, was measured on large scale USGS topographic maps using an electronic planimeter.

SECTION 3

MAPS SHOWING LAKE LOCATIONS

This section provides maps showing the study area and location of all lakes (both probability sample or regular lakes, and special interest lakes) sampled during the ELS-I. Figure 3-1 shows the regions and subregions that defined the areas of interest for the ELS-I. Figures 3-2 to 3-4 show these three regions of interest, their subregions (as indicated by letter designation), and the three alkalinity map classes. These three factors (region, subregion, and alkalinity map class) served as the stratification factors for the statistical design of the Survey (Volume I, Section 2.2.1).

The alkalinity map classes shown in Figures 3-2 to 3-4 are based on maps by Omernik and Kinney (1985), Omernik and Griffith (1985) and Omernik (1985). These areas represent map units that contain lakes, the majority of which were anticipated to exhibit alkalinity values within expected ranges. These map classes are not based on ELS-I measured lake ANC values.

Figures 3-5 to 3-22 show maps of each state with subregion boundaries, as appropriate, and locations of the sampled lakes. The subregion boundaries shown here may differ slightly from the original base maps used to delineate subregions. Lakes selected as part of the probability sample (regular lakes) are distinguished from special interest lakes by open squares and "+" symbols, respectively. Maritime states such as Maine and Massachusetts show offshore lakes that were located on islands not represented on these maps. The map of Michigan (Figure 3-10) does not show two lakes that were sampled on Isle Royale located in Lake Superior.

Figure 3-1. Regions sampled during the ELS-I.

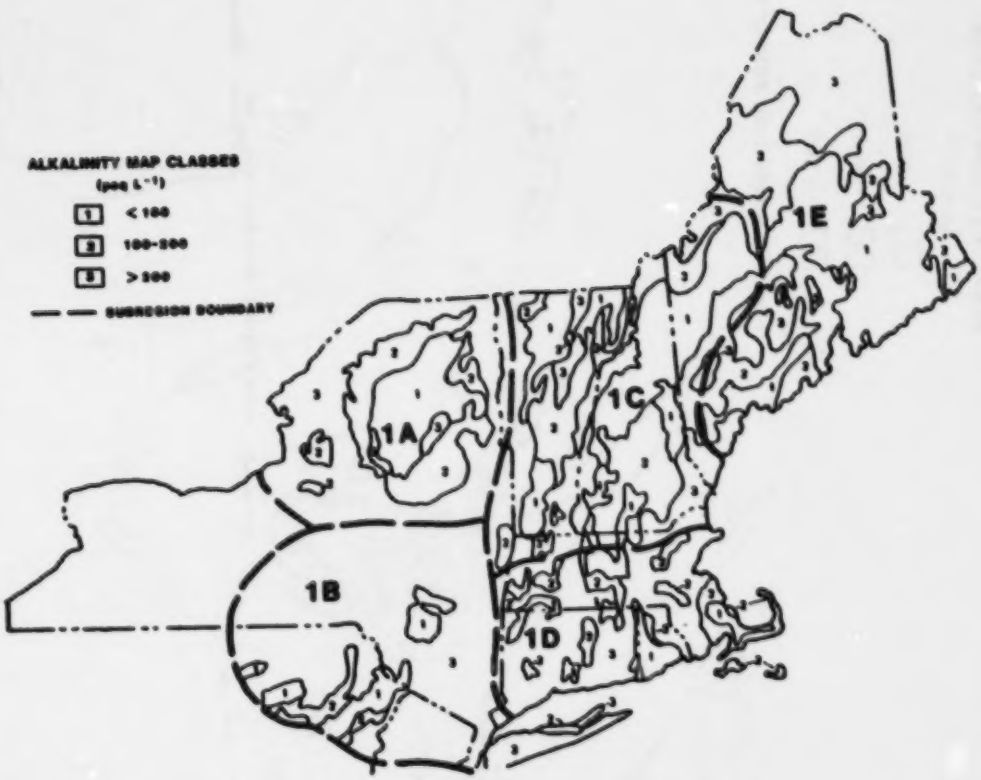


Figure 3-2. Region 1 of the ELS-I, with Subregions 1A-1E shown.

Figure 3-3. Region 2 of the ELS-I, with Subregions 2A-2D shown.

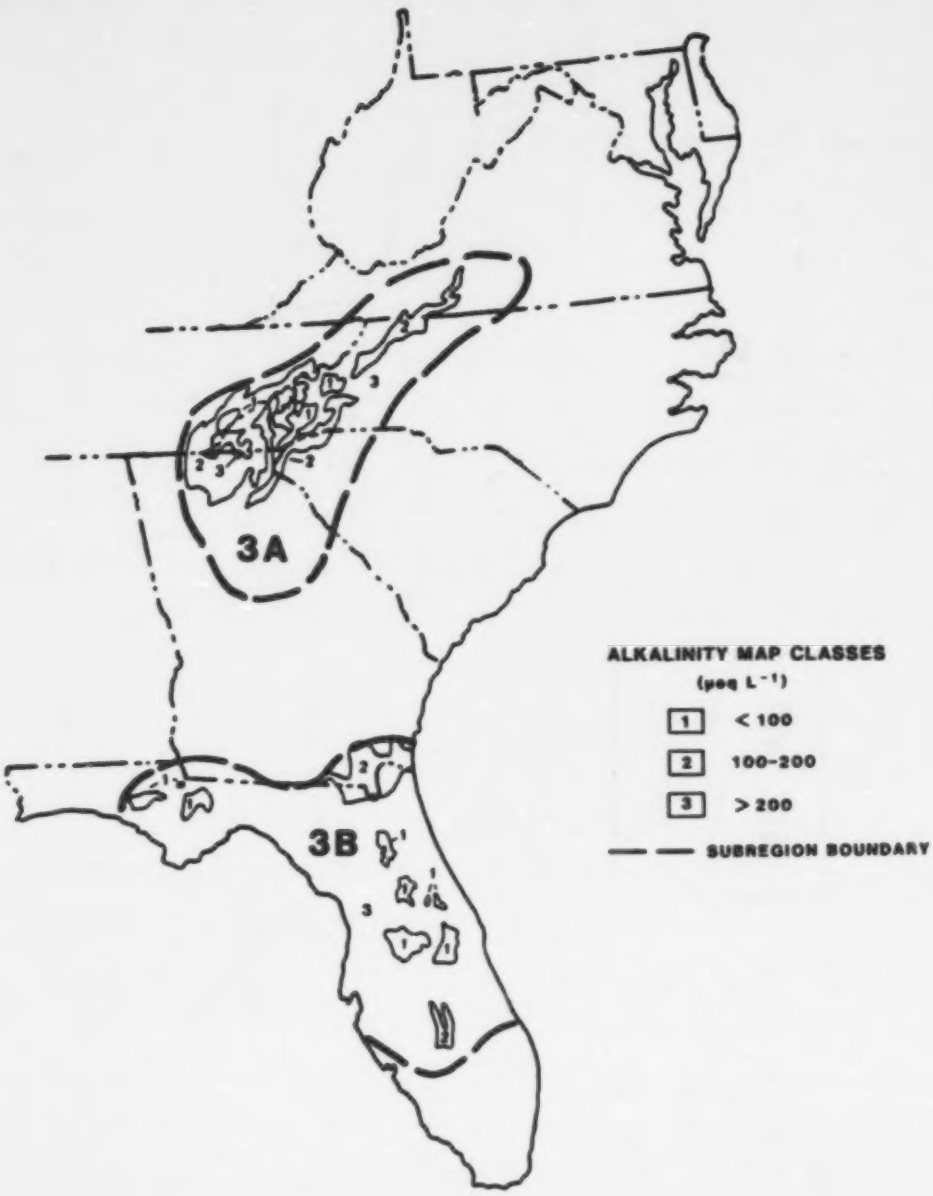


Figure 3-4. Region 3 of the ELS-I, with Subregions 3A and 3B shown.

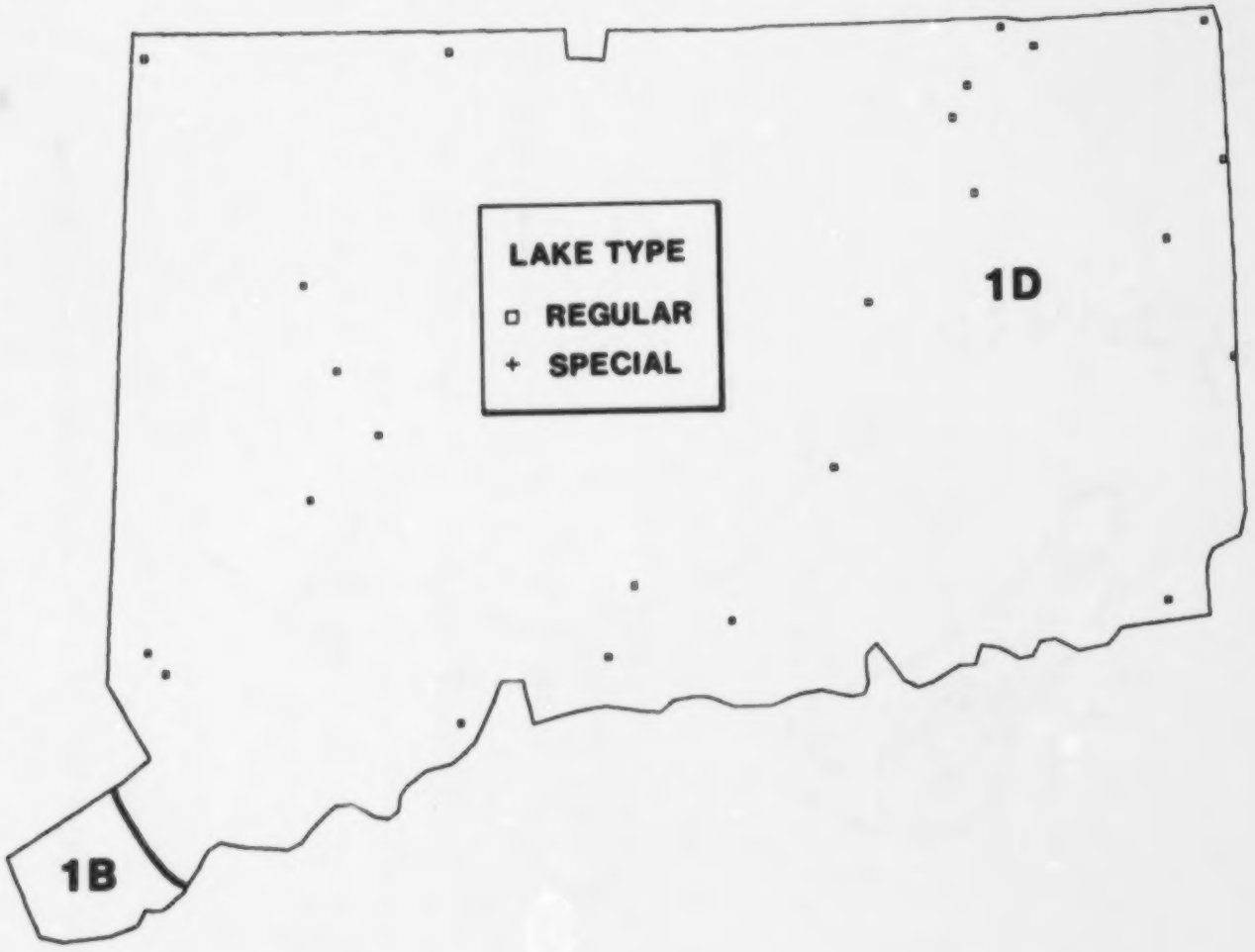


Figure 3-5. Sampled lakes in Connecticut.

Figure 3-6. Sampled lakes in Florida.

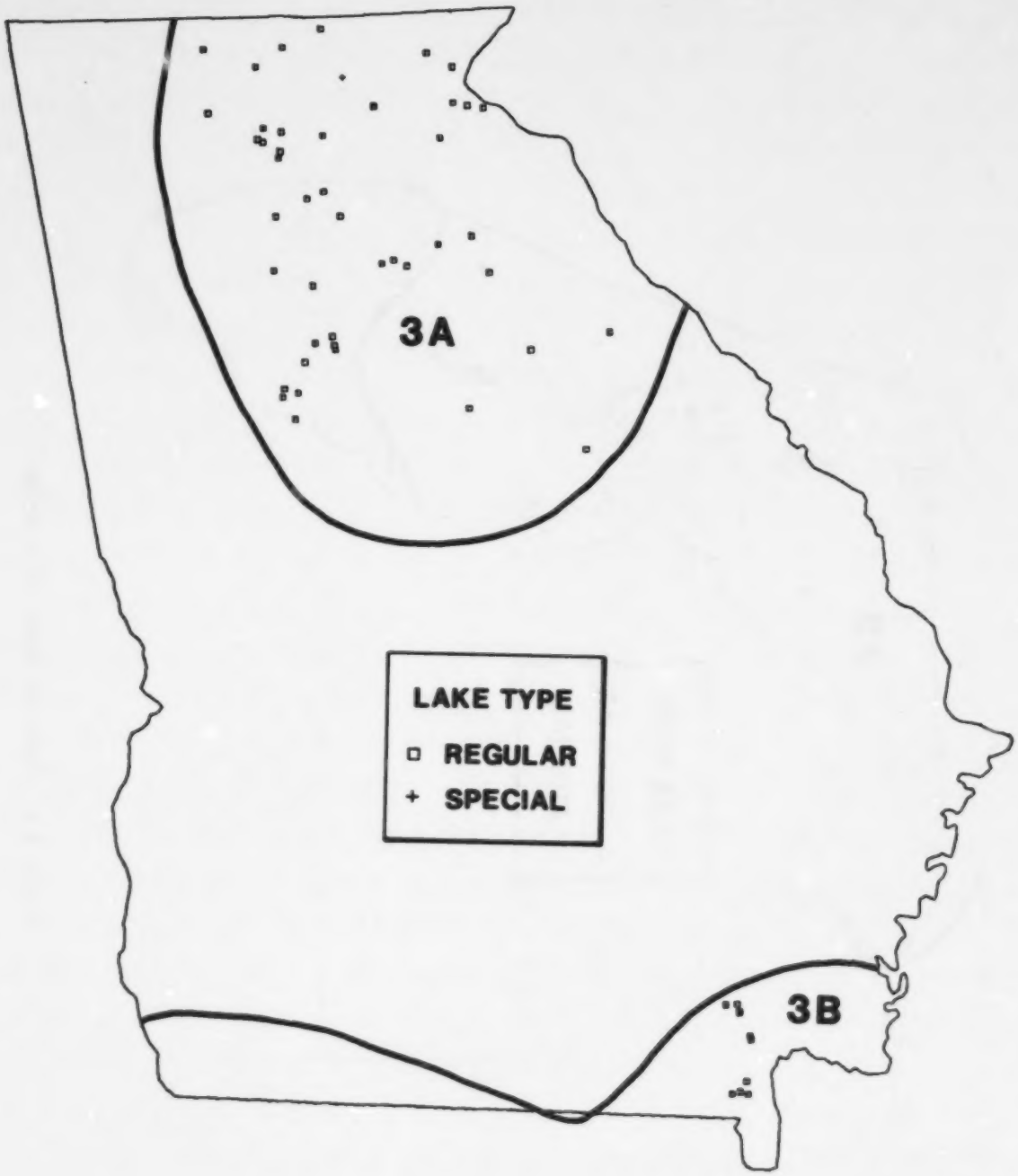


Figure 3-7. Sampled lakes in Georgia.

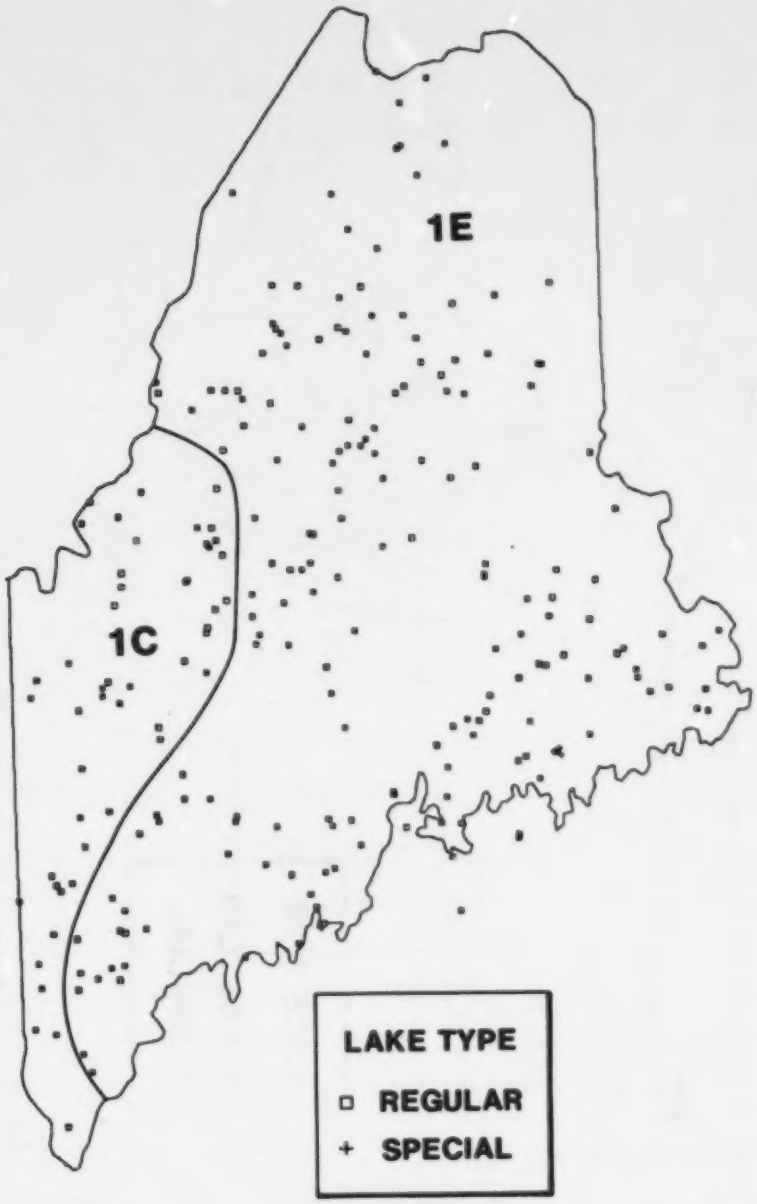


Figure 3-8. Sampled lakes in Maine.

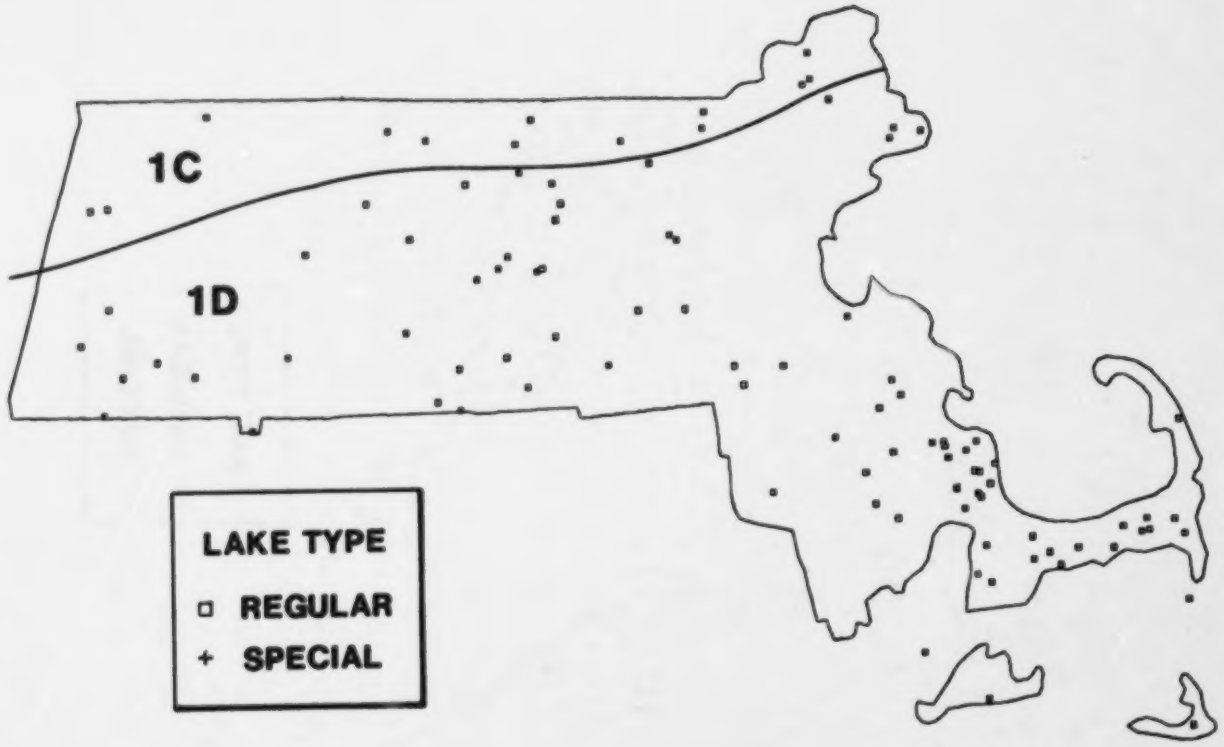


Figure 3-9. Sampled lakes in Massachusetts.

Figure 3-10. Sampled lakes in Michigan.

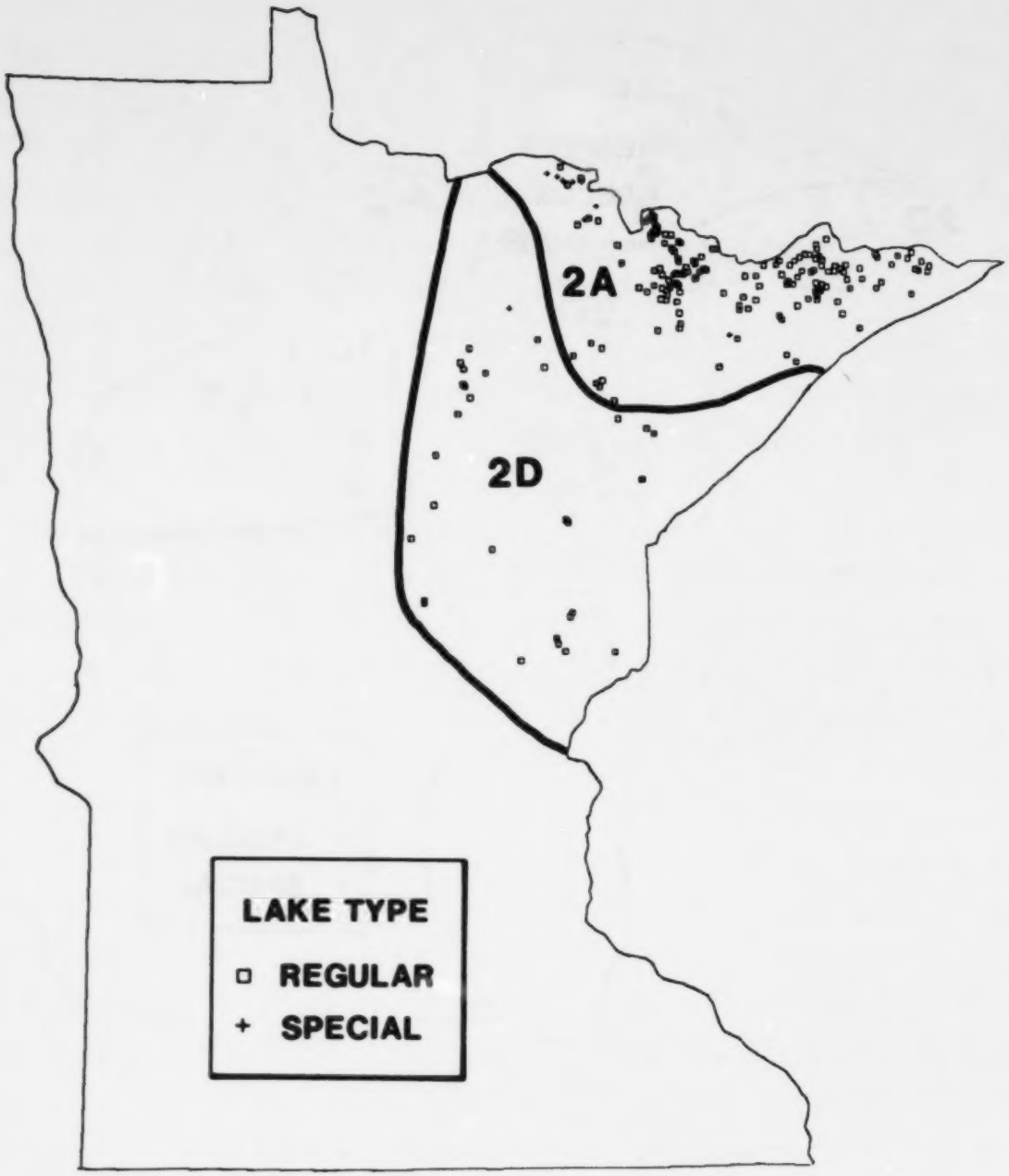


Figure 3-11. Sampled lakes in Minnesota.

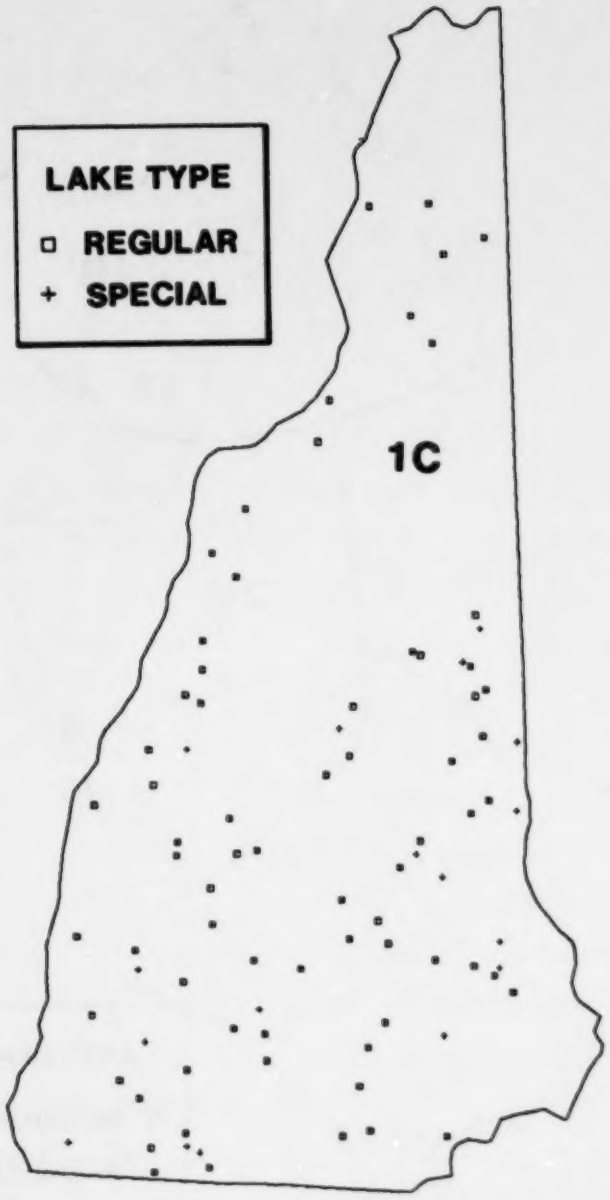


Figure 3-12. Sampled lakes in New Hampshire.

Figure 3-13. Sampled lakes in New Jersey.

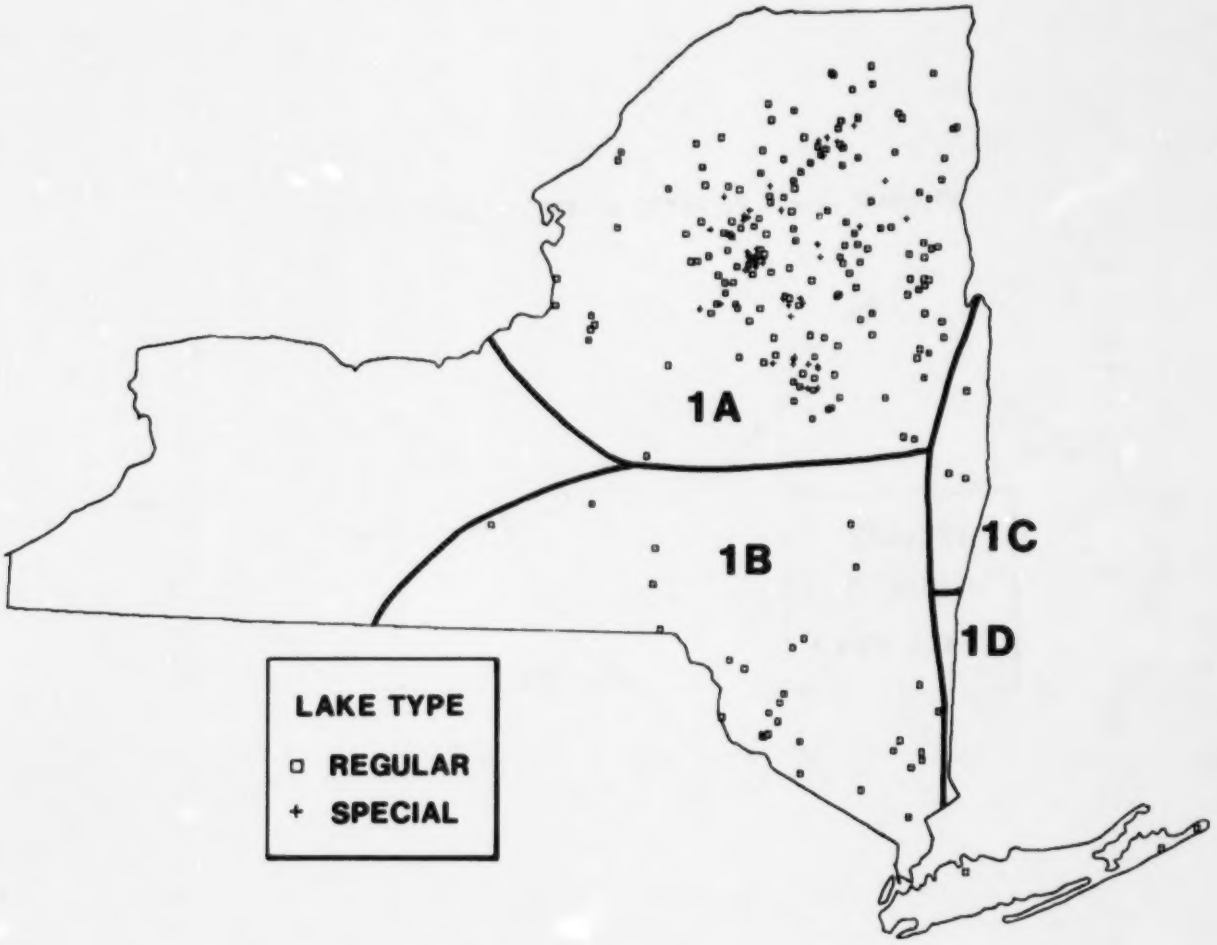


Figure 3-14. Sampled lakes in New York.

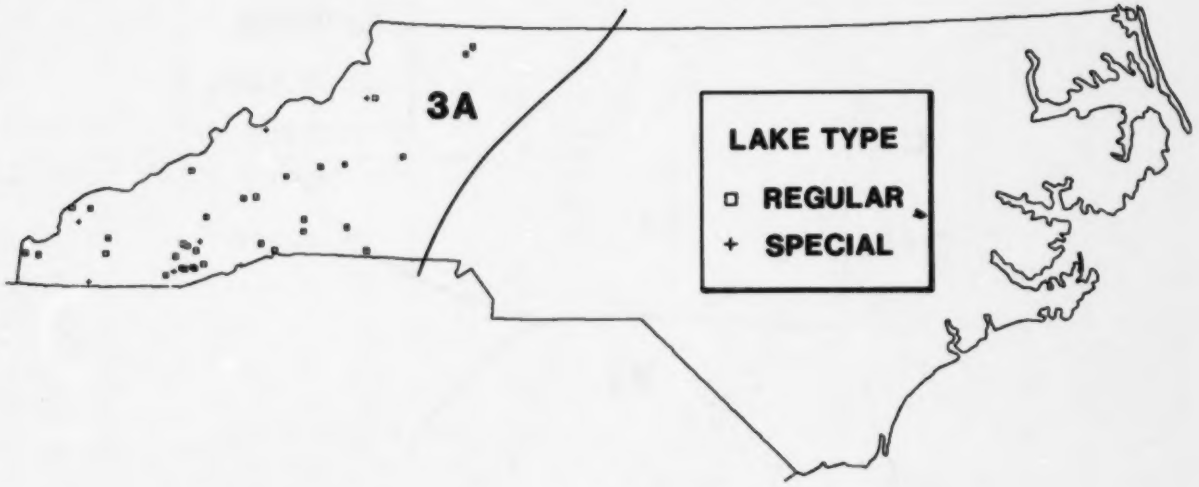


Figure 3-15. Sampled lakes in North Carolina.

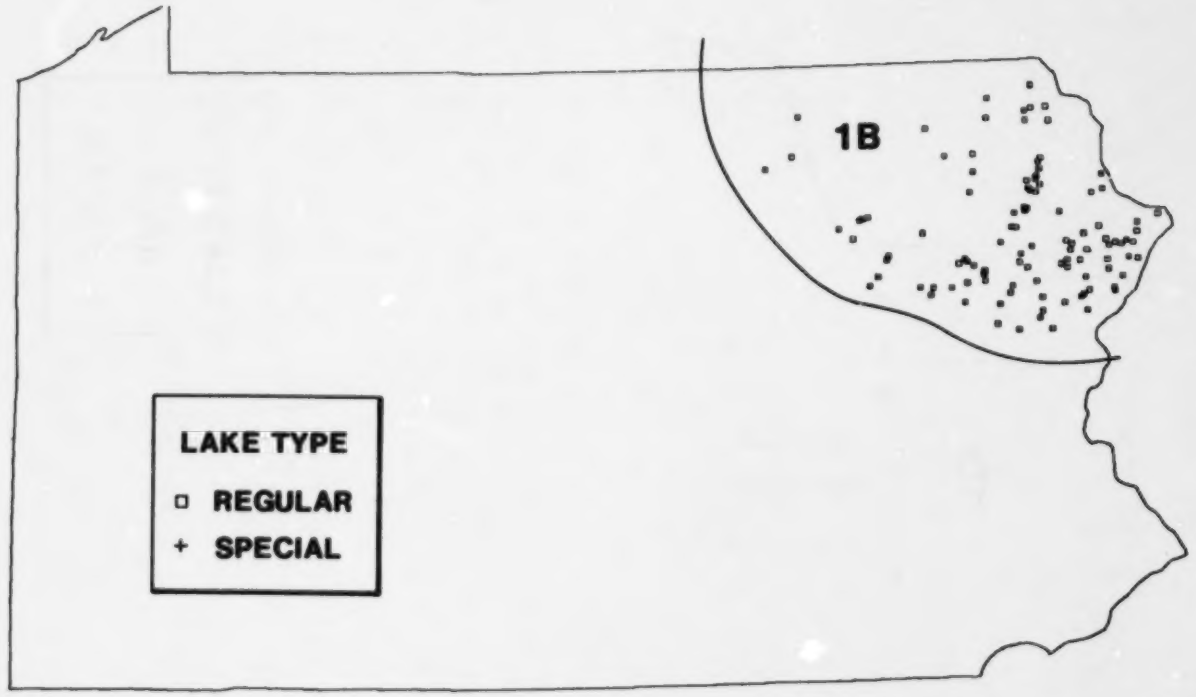


Figure 3-16. Sampled lakes in Pennsylvania.

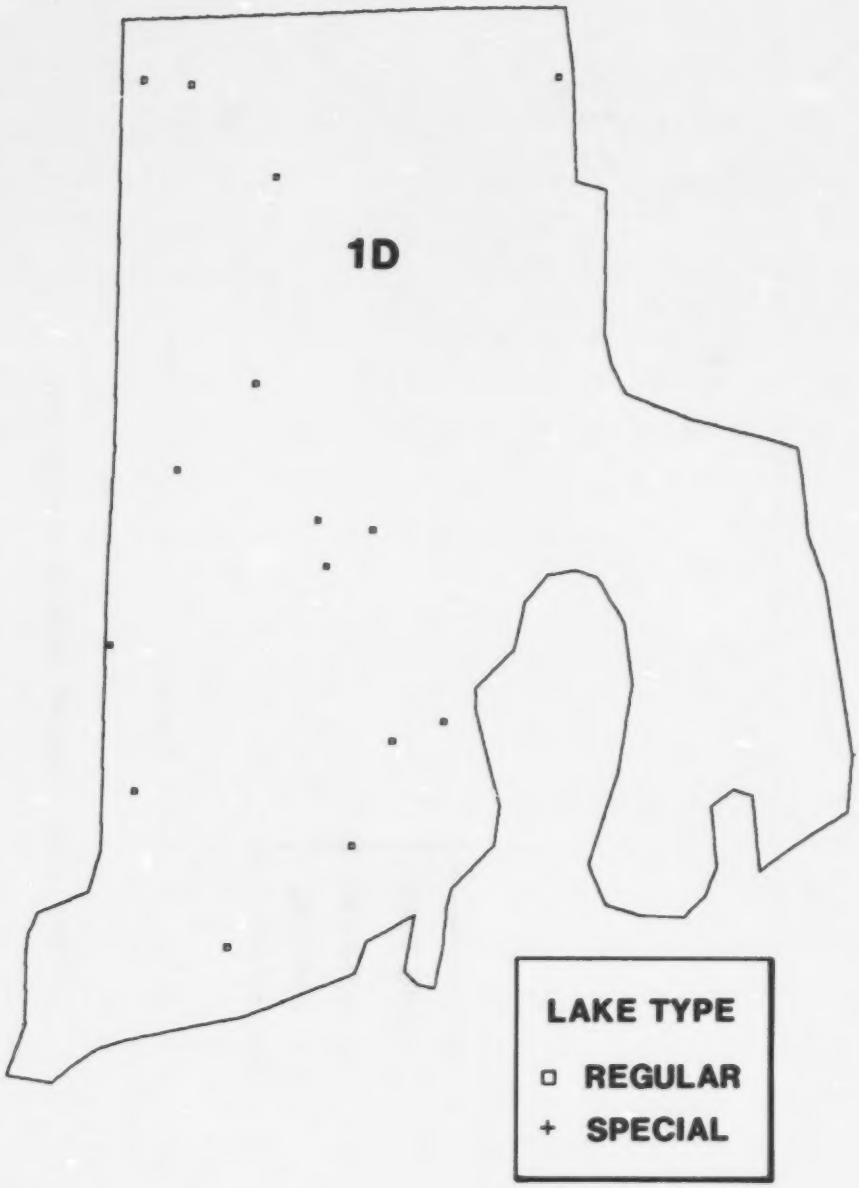


Figure 3-17. Sampled lakes in Rhode Island.

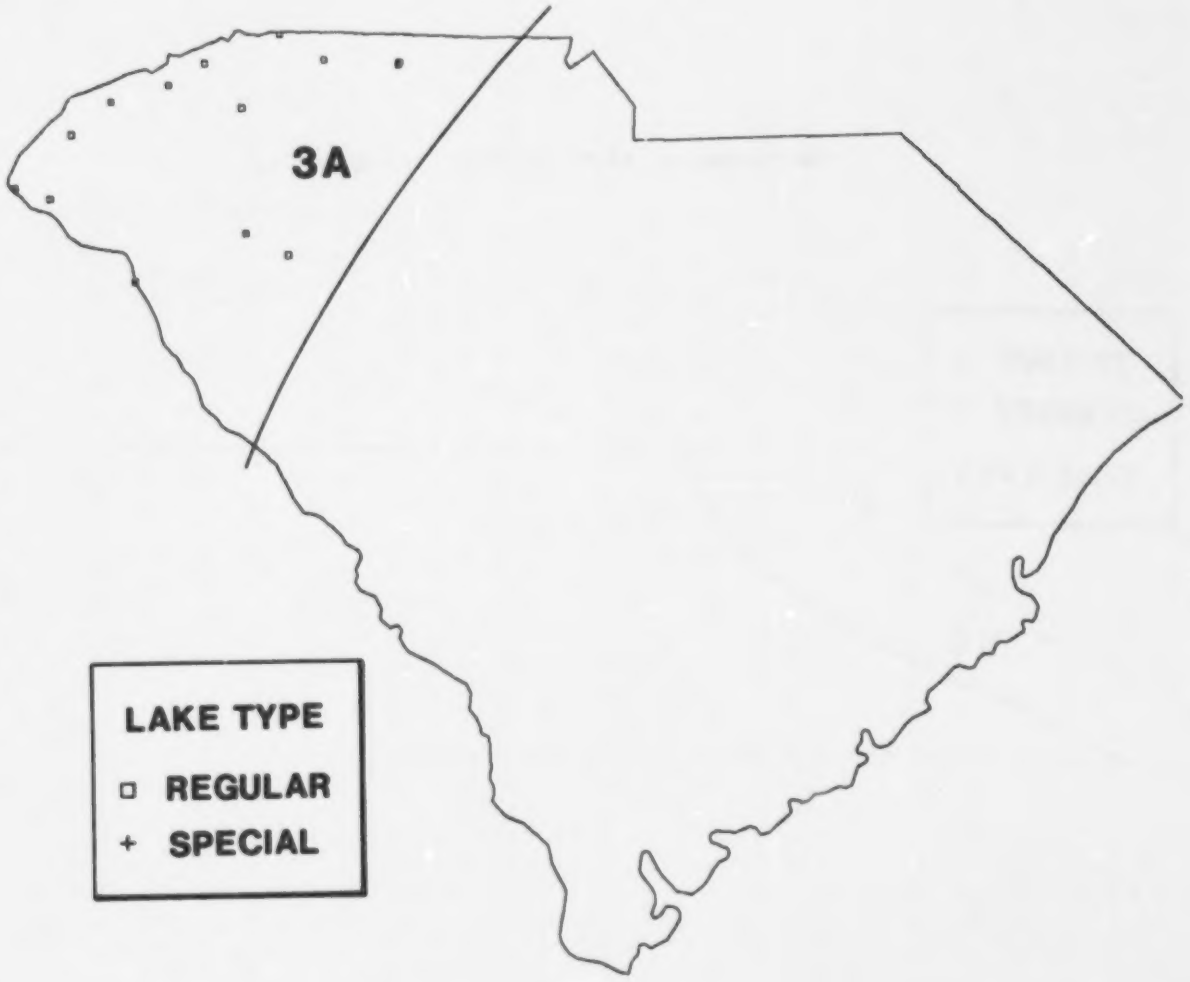


Figure 3-18. Sampled lakes in South Carolina.

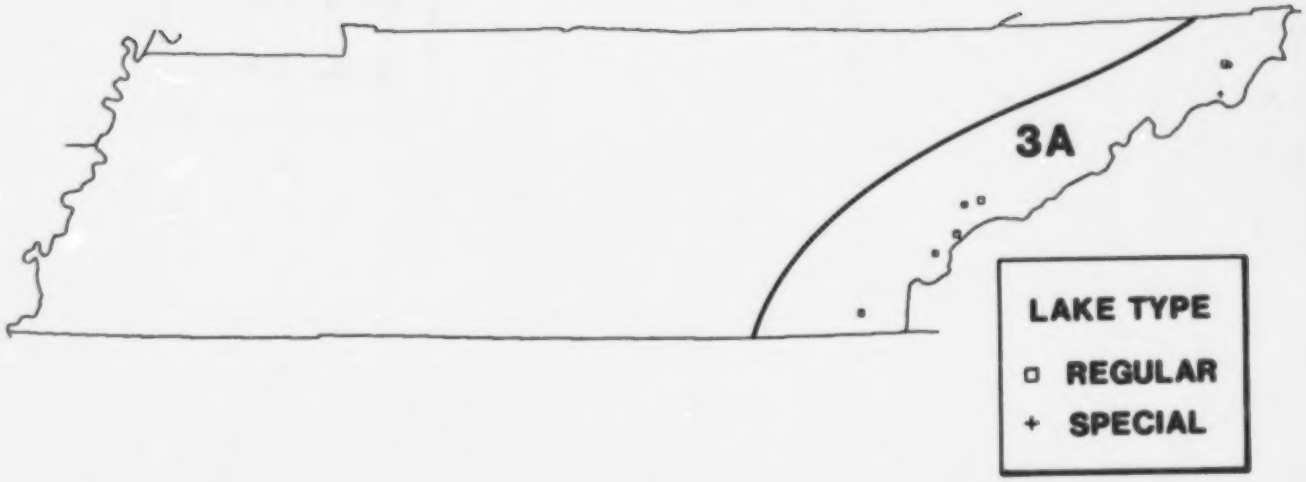


Figure 3-19. Sampled lakes in Tennessee.

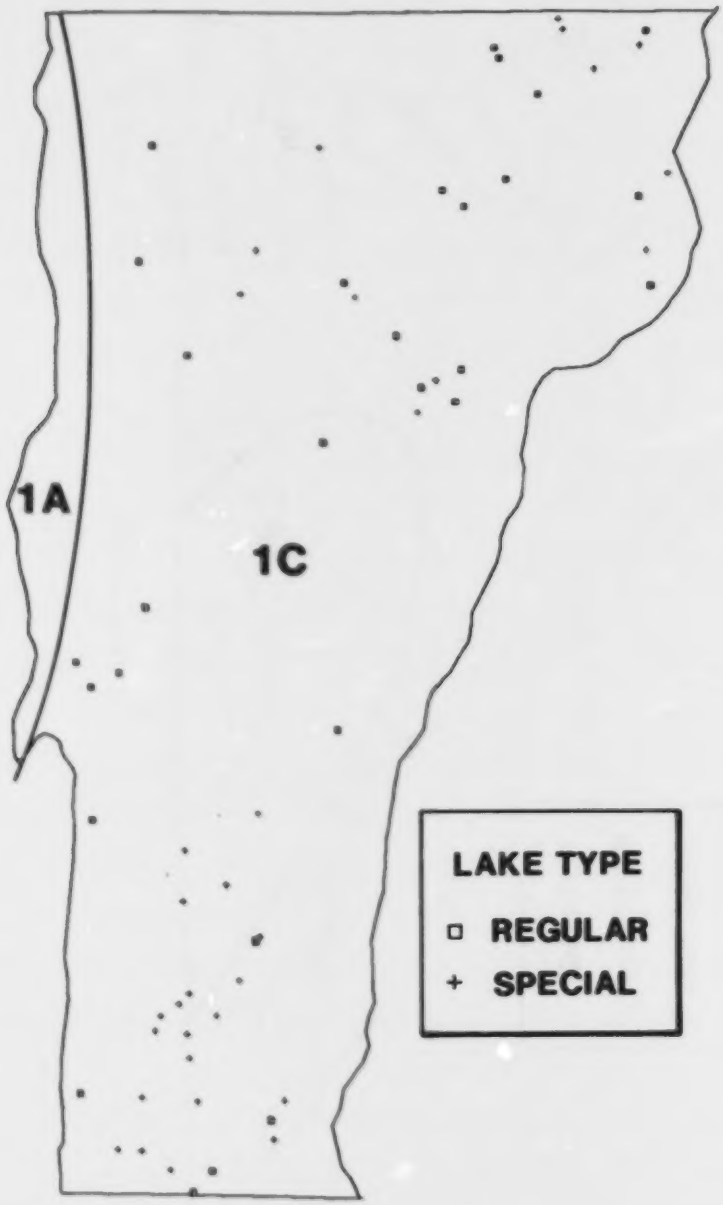


Figure 3-20. Sampled lakes in Vermont.

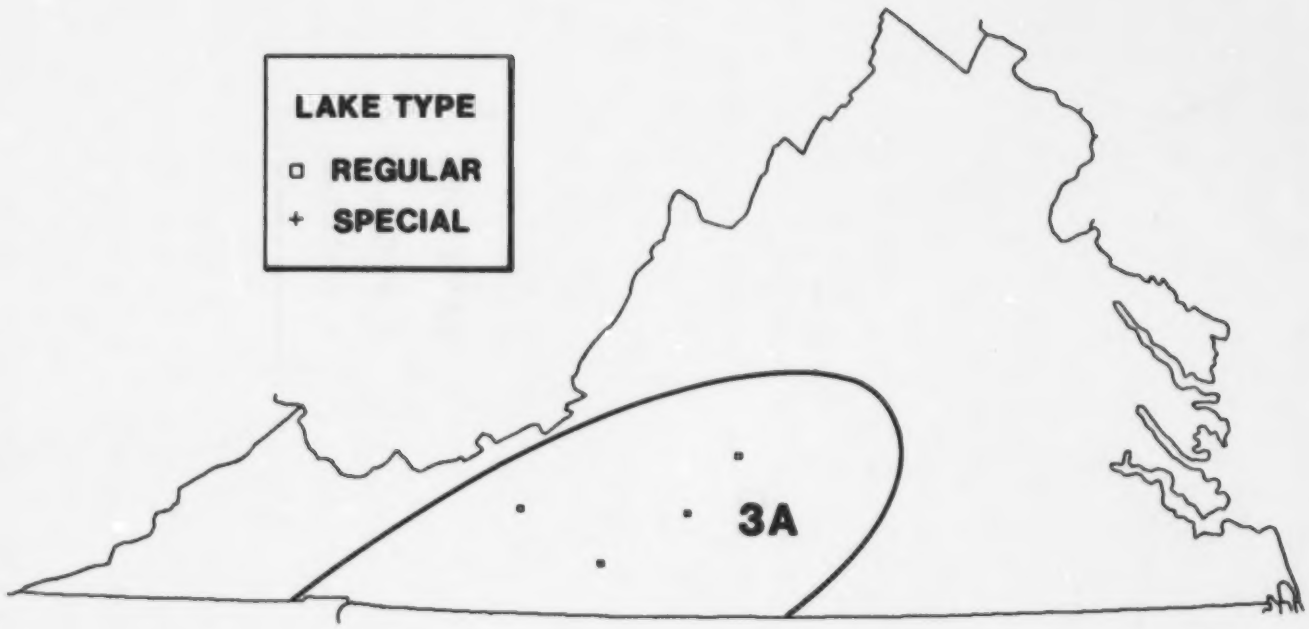


Figure 3-21. Sampled lakes in Virginia.

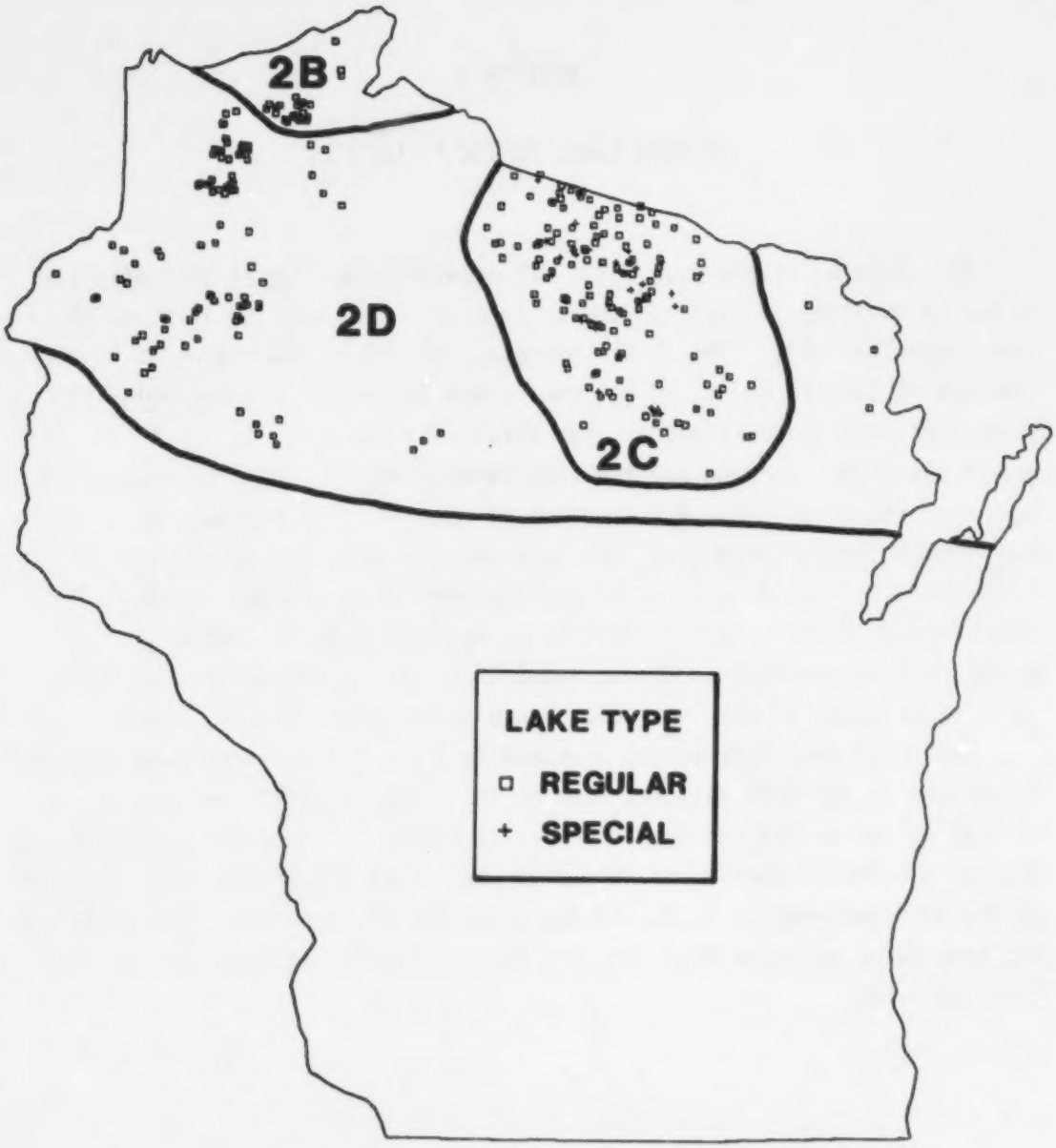


Figure 3-22. Sampled lakes in Wisconsin.

SECTION 4

REGULAR LAKES SORTED BY LAKE ID

This section (Table 4-1) lists all regular lakes (those that were part of the probability sample), sorted by Lake ID. Each Lake ID is a unique seven-character code. The first character identifies the region in which the lake is located (1, 2, or 3); the second character, the subregion (A through E); the third character, the alkalinity map class (1, 2, or 3); the fourth character, a dash; and the last three, the assigned lake number. A lake with the ID of 1A1-010 is located in region 1 (the Northeast), subregion A (the Adirondacks), was selected from alkalinity map class 1 (<100 ueq L^{-1}), and is the tenth lake numbered in this group. Some lakes were dropped in the selection process or were not sampled (Volume I, Section 2.2.4); therefore, the assigned lake numbers are not consecutive. For a description of the lake selection process, see Volume I, Section 2.2.

The additional information provided in Table 4-1 includes lake name as it appears on the USGS map; the name of the state in which the lake is located (given as the two-character postal code); latitude and longitude (in degrees-minutes-seconds); and the large scale USGS topographic map, the size of the map (referred to in the tables as scale) and map name. The scale and map name refer to those maps actually used to locate and characterize the selected lakes.

TABLE 4-1. REGULAR LAKES SORTED BY LAKE ID

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1A1-003	HAWK POND	NY	43-57'25"N	74-57'30"W	15' BIG MOOSE
1A1-004	EVERGREEN LAKE	NY	43-55'00"N	75-01'00"W	15' NUMBER FOUR
1A1-008	CEDAR RIVER FLOW	NY	43-42'30"N	74-28'30"W	15' INDIAN LAKE
1A1-009	TWIN LAKES (EASTERN)	NY	43-37'15"N	74-37'15"W	15' WEST CANADA LAKES
1A1-010	SNYDER LAKE	NY	43-34'15"N	74-49'15"W	15' OLD FORGE
1A1-012	WHITNEY LAKE	NY	43-35'15"N	74-33'45"W	15' WEST CANADA LAKES
1A1-014	WILMURT LAKE	NY	43-25'45"N	74-43'30"W	15' PISECO LAKE
1A1-015	HENDERSON LAKE	NY	44-05'15"N	74-04'00"W	7.5'x15' SANTANONI PEAK
1A1-016	RAVEN LAKE	NY	43-55'45"N	75-02'00"W	15' NUMBER FOUR
1A1-017	CONSTABLE POND	NY	43-50'00"N	74-47'45"W	15' BIG MOOSE
1A1-018	GOOSE POND	NY	43-47'00"N	74-54'00"W	15' BIG MOOSE
1A1-019	QUIVER POND	NY	43-44'15"N	74-52'15"W	15' OLD FORGE
1A1-020	FOURTH LAKE(BISBY LAKES)	NY	43-34'15"N	74-58'15"W	15' OLD FORGE
1A1-021	WOLF POND	NY	44-39'00"N	74-03'30"W	7.5' RAGGED LAKE
1A1-023	CLEAR POND	NY	44-29'15"N	74-09'30"W	7.5'x15' BLOOMINGDALE
1A1-024	SILVER LAKE	NY	44-30'30"N	73-52'30"W	7.5' ALDER BROOK/REDFORD/7x15'WILMINGTON
1A1-025	MOUNTAIN POND	NY	44-28'30"N	74-16'30"W	7.5'x15' ST. REGIS MTN
1A1-027	LITTLE CLEAR POND	NY	44-21'45"N	74-17'00"W	7.5'x15' UPPER SARANAC LAKE
1A1-028	DRY CHANNEL POND	NY	44-21'10"N	74-26'15"W	7.5'x15' UPPER SARANAC LAKE
1A1-029	MIDDLE POND	NY	44-20'20"N	74-22'45"W	7.5'x15' UPPER SARANAC LAKE
1A1-030	LAKE CLEAR OUTLET	NY	44-20'50"N	74-15'45"W	7.5'x15' UPPER SARANAC LAKE
1A1-031	JOCKS POND	NY	44-17'30"N	74-40'00"W	7.5' CHILDWOLD
1A1-032	LOST POND	NY	44-16'30"N	74-29'15"W	7.5'x15' UPPER SARANAC LAKE
1A1-033	KIWASSA LAKE	NY	44-17'45"N	74-09'30"W	7.5'x15' SARANAC LAKE
1A1-034	SILVER LAKE	NY	44-13'30"N	74-49'30"W	7.5' CRANBERRY LAKE
1A1-035	PIERCEFIELD FLOW	NY	44-13'45"N	74-33'00"W	15' TUPPER LAKE
1A1-037	BLACK POND	NY	44-09'00"N	74-35'30"W	15' TUPPER LAKE
1A1-038	NICKS POND	NY	44-08'35"N	74-58'05"W	7.5' NEWTON FALLS
1A1-039	JOHN POND	NY	44-06'45"N	74-45'50"W	7.5' WOLF MTN
1A1-040	HITCHENS POND	NY	44-06'30"N	74-40'00"W	15' TUPPER LAKE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1A1-041	LEDGE POND	NY	44-05'40"N	73-39'55"W	7.5'x15' WITHERBEE
1A1-042	LOWS LAKE	NY	44-05'00"N	74-45'30"W	15' TUPPER LAKE/7.5' WOLF MTN
1A1-043	LITTLE TUPPER LAKE	NY	44-02'22"N	74-36'40"W	15' TUPPER LAKE
1A1-044	LONG LAKE	NY	44-02'30"N	74-22'00"W	15' BLUE MTN/7.5'x15' KEMPSHALL MTN
1A1-046	PARTLOW LAKE	NY	44-00'15"N	74-50'00"W	7.5' WOLF MTN
1A1-047	MUD POND	NY	44-01'00"N	74-25'20"W	7.5'x15' KEMPSHALL MTN
1A1-049	MIDDLE SOUTH POND	NY	43-59'22"N	75-01'06"W	15' NUMBER FOUR
1A1-050	ROCK LAKE	NY	43-58'00"N	74-52'00"W	15' BIG MOOSE
1A1-051	SUTTON POND	NY	43-57'20"N	74-36'00"W	15' RAQUETTE LAKE
1A1-052	ARBUTUS POND	NY	43-59'15"N	74-14'30"W	15' NEWCOMB
1A1-053	WOLF POND	NY	43-57'36"N	73-55'48"W	15' SCHROON LAKE
1A1-055	DEER POND	NY	43-55'45"N	74-47'00"W	15' BIG MOOSE
1A1-056	FORKED LAKE	NY	43-54'00"N	74-35'00"W	15' RAQUETTE LAKE
1A1-057	HITCHCOCK LAKE	NY	43-51'00"N	75-02'30"W	15' NUMBER FOUR
1A1-059	SAGAMORE LAKE	NY	43-46'00"N	74-37'30"W	15' RAQUETTE LAKE
1A1-060	SEVENTH L.(FULTON CHAIN)	NY	43-44'45"N	74-45'00"W	15' W.CANADA L./BIG MOOSE/RAQUETTE L.
1A1-061	WOLF LAKE	NY	43-37'45"N	74-39'15"W	15' WEST CANADA LAKES
1A1-064	MT ARAB LAKE	NY	44-11'18"N	74-36'03"W	15' TUPPER LAKE
1A1-065	ROUND POND	NY	44-07'29"N	73-44'01"W	7.5'x15' ELIZABETHTOWN
1A1-066	WOODHULL LAKE	NY	43-35'30"N	74-59'13"W	15' OLD FORGE/MC KEEVER
1A1-067	VANDERWHACKER POND	NY	43-57'28"N	74-00'10"W	15' NEWCOMB
1A1-068	DEBAR POND	NY	44-37'25"N	74-11'46"W	7.5' DEBAR MTN/OWLS HEAD
1A1-069	ROLLINS POND	NY	44-18'45"N	74-24'50"W	7.5'x15' UPPER SARANAC LAKE
1A1-070	PARADOX LAKE	NY	43-53'00"N	73-42'30"W	7.5' PARADOX LAKE/PHARAOH MTN
1A1-071	BLACK POND	NY	44-26'21"N	74-17'38"W	7.5'x15' ST. REGIS MTN
1A1-073	GULL LAKES (SOUTH)	NY	43-51'22"N	74-49'15"W	15' BIG MOOSE
1A1-074	MIDDLE SARANAC LAKE	NY	44-15'37"N	74-16'00"W	7.5' SARANAC LAKE
1A2-001	TWIN PONDS (EASTERN)	NY	43-40'20"N	74-10'20"W	15' THIRTEENTH LAKE
1A2-002	ST. JOHN LAKE	NY	43-26'30"N	74-03'40"W	15' HARRISBURG
1A2-004	DUCK LAKE	NY	43-14'08"N	74-27'09"W	7.5' CAROGA LAKE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1A2-005	MUD POND	NY	44-44'10"N	74-03'55"W	7.5' RAGGED LAKE
1A2-006	LAKE FRANCES	NY	44-41'45"N	74-19'30"W	7.5' LAKE TITUS
1A2-008	CLEAR POND	NY	44-33'20"N	74-46'30"W	7.5' RAINBOW FALLS
1A2-009	WELLER POND	NY	44-31'30"N	74-36'00"W	7.5' LAKE OZONIA
1A2-010	BLAKE FALLS RES	NY	44-28'45"N	74-45'15"W	7.5' STARK/SYLVAN FALLS/CARRY FALLS RES
1A2-011	BOYD POND	NY	44-23'30"N	75-05'45"W	7.5' WEST PIERREPONT
1A2-012	MCDONALD POND	NY	44-23'45"N	74-31'40"W	7.5' AUGERHOLE FALLS
1A2-013	CLEAR POND	NY	44-20'00"N	74-48'40"W	7.5' BROTHER PONDS
1A2-015	SMITH POND	NY	44-15'00"N	75-13'25"W	7.5' SOUTH EDWARDS/FINE
1A2-016	STAR LAKE	NY	44-09'30"N	75-02'45"W	7.5' OSWEGATCHIE
1A2-018	TWIN PONDS (EASTERN)	NY	43-59'15"N	75-13'30"W	15' NUMBER FOUR
1A2-021	MOSHER PONDS (SOUTHERN)	NY	43-56'00"N	75-04'15"W	15' NUMBER FOUR
1A2-022	PAYNE LAKE	NY	43-47'40"N	75-17'30"W	7.5' CRYSTAL DALE
1A2-023	PANTHER POND	NY	43-49'15"N	75-10'15"W	15' NUMBER FOUR
1A2-024	BIG OTTER LAKE	NY	43-43'48"N	75-06'23"W	15' MC KEEVER
1A2-026	OTTER LAKE	NY	43-35'30"N	75-07'00"W	15' MC KEEVER
1A2-027	TAYLOR POND	NY	44-29'15"N	73-51'00"W	7.5'x15' WILMINGTON
1A2-028	OWEN POND	NY	44-19'15"N	73-54'05"W	7.5'x15' LAKE PLACID
1A2-031	BELLOWS LAKE	NY	43-10'45"N	74-27'45"W	7.5' CAROGA LAKE
1A2-032	HORSESHOE POND	NY	43-49'45"N	73-48'30"W	15' SCHROON LAKE
1A2-033	GOOSENECK POND	NY	43-51'41"N	73-36'30"W	7.5' GRAPHITE
1A2-034	SPECTACLE POND	NY	43-48'45"N	73-42'15"W	7.5' PHARAOH MTN
1A2-035	BRANT LAKE	NY	43-42'30"N	73-42'30"W	7.5' BRANT LAKE
1A2-036	LILY POND	NY	43-42'15"N	73-40'15"W	7.5' BRANT LAKE
1A2-037	FISH PONDS (NORTHEAST)	NY	43-32'50"N	74-03'40"W	15' THIRTEENTH LAKE
1A2-038	COD POND	NY	43-31'00"N	74-08'30"W	15' THIRTEENTH LAKE
1A2-039	OXBOW LAKE	NY	43-26'30"N	74-29'00"W	15' LAKE PLEASANT
1A2-040	LAKE ALGONQUIN	NY	43-23'30"N	74-17'45"W	15' LAKE PLEASANT
1A2-041	MUD LAKE	NY	43-20'26"N	74-27'14"W	15' LAKE PLEASANT
1A2-042	NORTH BRANCH LAKE	NY	43-18'45"N	74-47'40"W	15' OHIO

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1A2-044	LONG LAKE	NY	43-13'10"N	74-35'30"W	7.5' CANADA LAKE
1A2-045	WOODS LAKE	NY	43-15'10"N	74-19'00"W	15' LAKE PLEASANT
1A2-046	NINE CORNER LAKE	NY	43-11'45"N	74-33'00"W	7.5' CANADA LAKE
1A2-047	JACKSON SUMMIT RESERVOIR	NY	43-08'30"N	74-17'00"W	7.5' JACKSON SUMMIT
1A2-048	(NO NAME)	NY	43-07'39"N	74-35'20"W	7.5' CANADA LAKE
1A2-049	LAKE DESOLATION	NY	43-08'15"N	73-58'20"W	7.5' PORTER CORNERS
1A2-051	STREETCAR POND	NY	43-40'38"N	73-42'02"W	7.5' BRANT LAKE
1A2-052	CHUB LAKE	NY	43-15'30"N	74-31'50"W	15' PISECO LAKE
1A2-053	HAMILTON LAKE	NY	43-25'50"N	74-23'18"W	15' LAKE PLEASANT
1A2-054	TROUT LAKE	NY	43-20'48"N	74-42'50"W	15' PISECO LAKE
1A2-056	HUCKLEBERRY LAKE	NY	43-47'47"N	75-15'00"W	15' NUMBER FOUR/7.5' CRYSTAL DALE
1A2-057	TWIN PONDS(NORTHWESTERN)	NY	44-42'24"N	74-20'33"W	7.5' LAKE TITUS
1A2-058	TROUT LAKE	NY	44-21'47"N	75-16'08"W	7.5' EDWARDS
1A2-059	CRANE POND	NY	43-51'10"N	73-39'10"W	7.5' PHARAOH MTN
1A2-061	WHITE LAKE	NY	43-32'42"N	75-09'02"W	15' MC KEEVER
1A2-063	LONG LAKE	NY	44-09'48"N	75-12'06"W	7.5' FINE
1A2-064	LITTLE POND	NY	44-11'00"N	73-34'35"W	7.5'x15' ELIZABETHTOWN
1A2-065	BELFORT POND	NY	43-55'39"N	75-19'42"W	7.5' BELFORT
1A3-001	NATE POND	NY	43-51'30"N	74-05'30"W	15' NEWCOMB
1A3-007	KEENAN POND	NY	44-26'00"N	73-28'15"W	15' WILLSBORO
1A3-008	BUTTERFIELD LAKE	NY	44-19'00"N	75-46'45"W	7.5' REDWOOD
1A3-009	CRYSTAL LAKE	NY	44-16'30"N	75-48'00"W	7.5' REDWOOD
1A3-010	BIG POND	NY	44-17'15"N	73-33'20"W	7.5'x15' LEWIS
1A3-011	INDIAN LAKE	NY	44-08'30"N	75-27'10"W	7.5' LAKE BONAPARTE
1A3-013	RUTLAND LAKE	NY	43-57'05"N	75-47'45"W	7.5' RUTLAND CENTER
1A3-017	SMITH POND	NY	43-42'35"N	73-48'00"W	7.5' CHESTERTOWN
1A3-018	SULLIVAN POND	NY	43-38'00"N	73-49'10"W	7.5' CHESTERTOWN
1A3-019	(NO NAME)	NY	43-34'15"N	76-12'00"W	7.5' PULASKI
1A3-020	TROUT LAKE	NY	43-32'30"N	73-42'15"W	7.5' BOLTON LANDING
1A3-021	LOWER RESERVOIR	NY	43-31'30"N	75-57'30"W	7.5' ORWELL

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1A3-022	CROSSETT POND	NY	43-30'00"N	73-35'00"W	7.5' SHELVING ROCK/PUTNAM MTN
1A3-023	LAKE LORAINE	NY	43-27'30"N	75-57'40"W	7.5' WILLIAMSTOWN
1A3-025	HADLOCK POND	NY	43-25'30"N	73-34'15"W	7.5' PUTNAM MTN
1A3-026	COAN POND	NY	43-24'20"N	75-58'30"W	7.5' WILLIAMSTOWN
1A3-027	BUTLER POND	NY	43-22'15"N	73-44'15"W	7.5' LAKE GEORGE/GLENS FALLS
1A3-028	CURTIS LAKE	NY	43-20'10"N	74-57'40"W	15' OHIO
1A3-029	KEENAN RESERVOIR	NY	43-19'45"N	73-45'30"W	7.5' LAKE LUZERNE
1A3-030	DELTA RESERVOIR	NY	43-17'30"N	75-26'15"W	7.5' WESTERNVILLE
1A3-031	MOREAU LAKE	NY	43-14'00"N	73-42'45"W	7.5' GANSEVOORT
1A3-032	PORT RESERVOIR	NY	43-05'15"N	74-21'30"W	7.5' GLOVERSVILLE
1A3-037	BALLSTON LAKE(NORTH END)	NY	42-57'00"N	73-51'10"W	7.5' ROUND LAKE
1A3-038	LITTLE ROUND POND	NY	42-56'25"N	73-46'40"W	7.5' ROUND LAKE
1A3-039	WOODMAN POND	NY	42-51'15"N	75-34'10"W	7.5' HAMILTON
1A3-040	ZACK POND	NY	43-56'00"N	74-11'00"W	15' NEWCOMB
1A3-041	THIRD LAKE (ESSEX CHAIN)	NY	43-52'30"N	74-15'00"W	15' BLUE MTN/NEWCOMB
1A3-042	CHENEY POND	NY	43-52'40"N	74-09'45"W	15' NEWCOMB
1A3-043	UNKNOWN POND	NY	43-49'10"N	74-17'00"W	15' BLUE MOUNTAIN
1A3-044	ROSS POND	NY	43-47'40"N	74-08'45"W	15' NEWCOMB
1A3-045	CENTER POND	NY	43-44'30"N	74-13'00"W	15' THIRTEENTH LAKE
1A3-046	LONG POND	NY	43-38'15"N	74-17'20"W	15' INDIAN LAKE
1A3-047	INDEPENDENCE LAKE	NY	43-46'20"N	74-58'45"W	15' BIG MOOSE
1A3-048	GRASS POND	NY	43-41'35"N	75-03'40"W	15' MC KEEVER
1A3-049	NELSON LAKE	NY	43-38'45"N	75-03'30"W	15' MC KEEVER
1A3-051	ROUND POND	NY	43-21'09"N	73-40'37"W	7.5' GLENS FALLS
1A3-053	GREEN POND	NY	43-28'47"N	75-56'05"W	7.5' WILLIAMSTOWN
1A3-057	(NO NAME)	NY	44-41'47"N	73-37'50"W	7.5' DANNEMORA
1A3-058	RICE RESERVOIR	NY	43-05'37"N	74-20'18"W	7.5' GLOVERSVILLE
1A3-060	BUTTERNUT POND	NY	44-25'45"N	73-29'52"W	15' WILLSBORO/7.5'x15' AU SABLE FORKS
1A3-061	CRYSTAL LAKE	NY	43-39'22"N	73-44'35"W	7.5' BRANT LAKE
1A3-062	SOUTH COLWELL POND	NY	43-41'58"N	76-11'43"W	7.5' ELLISBURG

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1A3-063	(NO NAME)	NY	43-41'44"N	75-00'18"W	15' OLD FORGE/MC KEEVER
1A3-064	CORK CENTER RESERVOIR	NY	43-02'29"N	74-27'58"W	7.5' PECK LAKE
1A3-065	SOUTH LAKE (EAST BRANCH)	NY	43-30'54"N	74-53'32"W	15' OLD FORGE
1A3-066	ROCK POND	NY	43-37'50"N	74-18'12"W	15' INDIAN LAKE
1A3-067	ADIRONDACK LAKE	NY	43-47'22"N	74-15'42"W	15' BLUE MOUNTAIN
1B1-002	ROUND POND	NY	41-56'20"N	74-35'15"W	7.5' CLARYVILLE
1B1-003	NO NAME(ALLENS LAKE)	PA	41-40'10"N	76-37'15"W	7.5' POWELL
1B1-004	NO NAME(SOUTH MTN. LAKE)	PA	41-37'30"N	76-45'20"W	7.5' CANTON/GROVER
1B1-006	LAKE JOHN	PA	41-25'50"N	76-16'15"W	7.5' LOPEZ
1B1-007	LOPEZ POND	PA	41-23'50"N	76-23'28"W	7.5' LAPORTE
1B1-008	ROUSE POND	PA	41-25'35"N	76-17'15"W	7.5' LOPEZ
1B1-010	GANOGA LAKE	PA	41-21'30"N	76-19'15"W	7.5' RED ROCK
1B1-012	COBEY POND	PA	41-34'00"N	75-04'15"W	7.5' NARROWSBURG
1B1-015	TINKWIG LAKE	PA	41-30'00"N	75-07'35"W	7.5' WHITE MILLS/NARROWSBURG/HAWLEY
1B1-019	(NO NAME)	NY	41-30'40"N	74-46'25"W	7.5' HIGHLAND LAKE
1B1-020	BURNT HOPE LAKE	NY	41-31'30"N	74-44'38"W	7.5' HARTWOOD
1B1-022	LAKE GILES	PA	41-22'30"N	75-05'40"W	7.5' ROWLAND/PECKS POND
1B1-023	TWIN LAKES (BRINK P)	PA	41-23'00"N	74-54'15"W	7.5' SHOHOLA
1B1-024	LAKE PAUPACK	PA	41-19'30"N	75-15'30"W	7.5' NEWFOUNDLAND
1B1-025	BRUCE LAKE	PA	41-21'00"N	75-10'15"W	7.5' PROMISED LAND
1B1-026	(NO NAME)	PA	41-19'30"N	75-03'45"W	7.5' PECKS POND
1B1-027	MUD POND	PA	41-21'00"N	74-54'20"W	7.5' EDGEMERE
1B1-028	MEMORY LAKE	PA	41-18'40"N	75-25'45"W	7.5' STERLING
1B1-029	NO NAME(WILSON CREEK DAM)	PA	41-17'30"N	75-14'20"W	7.5' PROMISED LAND
1B1-030	LAKE EARNEST	PA	41-17'20"N	75-09'35"W	7.5' PROMISED LAND
1B1-031	HEMLOCK LAKE	PA	41-18'15"N	75-02'50"W	7.5' PECKS POND
1B1-032	(NO NAME)	PA	41-18'25"N	74-59'15"W	7.5' EDGEMERE
1B1-033	LOG TAVERN POND	PA	41-18'40"N	74-55'45"W	7.5' EDGEMERE
1B1-034	GOULDSBORO LAKE	PA	41-14'00"N	75-27'15"W	7.5' TOBYHANNA
1B1-036	LAKE JAMIE	PA	41-14'30"N	75-17'15"W	7.5' BUCK HILL FALLS

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1B1-037	GRAVEL POND	PA	41-13'40"N	75-15'20"W	7.5' BUCK HILL FALLS/SKYTOP
1B1-038	GOOSE POND	PA	41-15'10"N	75-11'40"W	7.5' PROMISED LAND
1B1-039	PORTERS LAKE	PA	41-15'05"N	75-03'30"W	7.5' PECKS POND/TWELVEMILE POND
1B1-040	MARCEL LAKE	PA	41-15'20"N	74-57'15"W	7.5' EDGEMERE
1B1-041	BRADYS LAKE	PA	41-10'00"N	75-31'45"W	7.5' THORNHURST
1B1-042	WILKINSON LAKE	PA	41-11'20"N	75-10'05"W	7.5' SKYTOP
1B1-043	PENN LAKE	PA	41-06'45"N	75-46'10"W	7.5' WHITEHAVEN
1B1-044	NO NAME(EAST LAKE)	PA	41-08'30"N	75-32'30"W	7.5' THORNHURST
1B1-046	POCONO SUMMIT LAKE	PA	41-07'15"N	75-23'10"W	7.5' TOBYHANNA/POCONO PINES
1B1-048	PLACID LAKE	PA	41-01'40"N	75-36'45"W	7.5' BLAKESLEE
1B1-050	INDIAN MOUNTAIN LAKE	PA	41-00'19"N	75-30'20"W	7.5' BLAKESLEE/POCONO PINES
1B1-055	ROCK HILL POND	PA	41-18'49"N	75-00'58"W	7.5' PECKS POND
1B1-057	SACKETT LAKE	NY	41-37'33"N	74-44'25"W	7.5' HARTWOOD/MONTICELLO
1B1-058	NO NAME(LAKE SINCA)	PA	41-06'04"N	75-35'47"W	7.5' BLAKESLEE
1B1-059	NO NAME(LAKE IN THE WOODS)	PA	41-15'23"N	75-15'29"W	7.5' NEWFOUNDLAND
1B1-061	(NO NAME)	NY	41-59'03"N	74-30'43"W	7.5' CLARYVILLE
1B1-062	LAKE METAUQUE	NY	41-31'02"N	74-47'03"W	7.5' HIGHLAND LAKE
1B1-063	SCHMITTHENNER LAKE	PA	41-26'15"N	76-14'38"W	7.5' DUTCH MTN
1B1-064	MILLPOND NO. 1	PA	41-10'47"N	75-24'39"W	7.5' TOBYHANNA
1B1-066	LOWER LAKE (WEST)	PA	41-18'52"N	75-13'53"W	7.5' PROMISED LAND
1B1-067	LAKE MINISINK	PA	41-12'57"N	75-03'13"W	7.5' TWELVEMILE POND
1B1-068	SUNRISE LAKE	PA	41-19'10"N	74-57'37"W	7.5' EDGEMERE
1B1-069	NO NAME(STAIRWAY LAKE)	PA	41-24'45"N	74-47'59"W	7.5' POND EDDY
1B1-070	NO NAME(FOREST LAKE)	PA	41-30'47"N	75-04'17"W	7.5' NARROWSBURG
1B2-001	ORSON POND	PA	41-48'45"N	75-26'40"W	7.5' ORSON
1B2-002	POYNTELLE LAKE	PA	41-49'17"N	75-24'38"W	7.5' ORSON
1B2-005	ROCK LAKE	PA	41-46'20"N	75-19'30"W	7.5' LAKE COMO
1B2-006	ELK LAKE	PA	41-37'20"N	75-23'05"W	7.5' FOREST CITY/WAYMART
1B2-007	MUD POND	PA	41-38'05"N	75-22'15"W	7.5' ALDENVILLE
1B2-008	NO NAME(SWACKHAMMER LAKE)	PA	41-33'15"N	75-26'35"W	7.5' WAYMART

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1B2-009	LAKE LODORE	PA	41-34'30"N	75-23'30"W	7.5' WAYMART
1B2-010	LITTLE KEEN POND	PA	41-35'45"N	75-22'45"W	7.5' WAYMART
1B2-011	BRONSON POND	PA	41-31'30"N	75-26'15"W	7.5' WAYMART
1B2-012	TELSHAW POND	PA	41-31'00"N	75-25'30"W	7.5' WAYMART
1B2-013	NO NAME(ST. TIKHONS DAM)	PA	41-30'45"N	75-24'00"W	7.5' WAYMART
1B2-015	MOOSIC LAKES (EASTERN)	PA	41-26'10"N	75-30'45"W	7.5' OLYPHANT
1B2-016	HALF MOON POND	PA	41-26'35"N	75-27'30"W	7.5' LAKE ARIEL
1B2-017	LAKE HENRY	PA	41-27'00"N	75-26'50"W	7.5' LAKE ARIEL
1B2-019	CURTIS RESERVOIR	PA	41-22'55"N	75-30'15"W	7.5' MOSCOW/LAKE ARIEL/OLYPHANT
1B2-022	MAPLE LAKE	PA	41-19'45"N	75-35'00"W	7.5' MOSCOW
1B2-025	GRASSY POND	PA	41-16'45"N	76-09'20"W	7.5' SWEET VALLEY
1B2-027	DEEP HOLLOW POND	PA	41-15'20"N	75-47'40"W	7.5' PITTSTON
1B2-028	MILL CREEK RESERVOIR	PA	41-15'45"N	75-45'00"W	7.5' PITTSTON/AVOCA
1B2-030	HENRY LAKE	PA	41-17'00"N	75-29'10"W	7.5' STERLING
1B2-031	NO NAME(HIDDEN LAKE)	PA	41-13'00"N	76-12'00"W	7.5' SHICKSHINNY
1B2-033	NO NAME(LAKE ALEEDA)	PA	41-14'45"N	75-43'15"W	7.5' AVOCA/PLEASANT VIEW SUMMIT
1B2-034	MEADOW RUN PONDS (SOUTH)	PA	41-12'55"N	75-40'15"W	7.5' PLEASANT VIEW SUMMIT
1B2-036	NO NAME(LAKE PINCREST)	PA	41-11'00"N	76-14'40"W	7.5' SHICKSHINNY
1B2-037	HANOVER RESERVOIR	PA	41-10'20"N	75-59'20"W	7.5' WILKES-BARRE WEST
1B2-038	THE ICE PONDS (EAST)	PA	41-08'35"N	75-56'15"W	7.5' WILKES-BARRE WEST
1B2-039	CRYSTAL LAKE	PA	41-10'00"N	75-50'00"W	7.5' WILKES-BARRE EAST
1B2-040	BEAR CREEK LAKE	PA	41-11'00"N	75-45'15"W	7.5' WILKES-BARRE EAST
1B2-042	SECOND POND	PA	41-08'45"N	75-01'45"W	7.5' TWELVEMILE POND
1B2-044	SWIFTWATER LAKE	PA	41-05'53"N	75-16'39"W	7.5' MOUNT POCONO
1B2-045	MANZANEDO LAKE	PA	41-07'00"N	75-11'45"W	7.5' EAST STROUDSBURG
1B2-046	IVAN SWAMP	PA	41-08'26"N	75-09'14"W	7.5' SKYTOP
1B2-047	FIRST POND	PA	41-08'05"N	75-01'35"W	7.5' TWELVEMILE POND
1B2-048	(NO NAME)	PA	41-02'45"N	75-24'00"W	7.5' POCONO PINES
1B2-049	CRESENT LAKE	PA	41-04'15"N	75-23'10"W	7.5' POCONO PINES
1B2-051	BELMONT LAKE	PA	41-46'36"N	75-26'30"W	7.5' ORSON

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1B2-053	NORTH LAKE	PA	41-17'30"N	76-08'39"W	7.5' SWEET VALLEY
1B2-054	TAMARACK LAKE	PA	41-15'16"N	75-29'34"W	7.5' STERLING
1B2-055	MEADOW RUN PO.(LG.NORTH)	PA	41-13'29"N	75-40'02"W	7.5' PLEASANT VIEW SUMMIT
1B2-056	NO NAME(GARDNERS DAM)	PA	41-16'15"N	75-45'47"W	7.5' PITTSTON
1B2-058	HOADLEY POND	PA	41-33'32"N	75-23'55"W	7.5' WAYMART
1B2-059	MUD POND	PA	41-23'01"N	75-31'35"W	7.5' OLYPHANT
1B2-062	CURTIS POND	PA	41-32'08"N	75-22'40"W	7.5' WAYMART
1B2-064	LAKE MASKENOZHA	PA	41-11'18"N	74'59'15"W	7.5' LAKE MASKENOZHA
1B2-065	NO NAME(HIAWATHA LAKE)	PA	41-07'33"N	75-10'52"W	7.5' SKYTOP/EAST STROUDSBURG
1B2-066	KIZER POND	PA	41-27'21"N	75-27'38"W	7.5' LAKE ARIEL
1B2-069	BOYLE POND	PA	41-10'11"N	75-55'30"W	7.5' WILKES-BARRE WEST
1B2-070	INDIAN LAKE	PA	41-11'20"N	75-40'03"W	7.5' PLEASANT VIEW SUMMIT
1B3-001	CAYUGA LAKE	NY	42-45'00"N	76-45'00"W	ELMIRA (1:250,000)
1B3-003	TRIANGLE LAKE	NY	42-32'00"N	74-12'15"W	7.5' RENSSELAERVILLE
1B3-004	GUIL[illegible] LAKE	NY	42-24'45"N	75-30'00"W	7.5' GUILFORD/OXFORD
1B3-005	AFTON [illegible]E	NY	42-14'20"N	75-30'45"W	7.5' AFTON
1B3-007	OQUAGA LAKE	NY	42-01'15"N	75-27'30"W	7.5' DEPOSIT
1B3-012	LITTLE BUTLER LAKE	PA	41-51'45"N	75-37'40"W	7.5' HARFORD
1B3-013	STUMP POND	NY	41-50'15"N	74-54'00"W	7.5' JEFFERSONVILLE
1B3-014	BROWNS POND	PA	41-48'50"N	76-35'00"W	7.5' ULSTER
1B3-015	(NO NAME)	PA	41-47'20"N	75-38'15"W	7.5' HARFORD
1B3-017	LITTLE ELK LAKE	PA	41-45'30"N	75-56'30"W	7.5' MONTROSE WEST
1B3-018	CONKLIN POND	NY	41-43'04"N	74-38'30"W	7.5' MONTICELLO
1B3-019	HARTLEY POND	PA	41-39'30"N	75-42'30"W	7.5' LENOXVILLE
1B3-020	KIAMESHA LAKE	NY	41-40'30"N	74-40'00"W	7.5' MONTICELLO
1B3-021	CORD POND	PA	41-39'10"N	75-51'00"W	7.5' HOP BOTTOM
1B3-022	FEAGLES LAKE	NY	41-36'15"N	75-02'50"W	7.5' NARROWSBURG
1B3-023	(NO NAME)	NY	41-37'40"N	73-37'30"W	7.5' DOVER PLAINS
1B3-025	TROUT LAKE	NY	41-35'10"N	74-40'50"W	7.5' HARTWOOD
1B3-026	GLENBURN POND	PA	41-31'00"N	75-43'45"W	7.5' DALTON

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1B3-027	BEACON RESERVOIR	NY	41-29'25"N	73-53'00"W	7.5' WEST POINT
1B3-028	CRAFT POND	PA	41-26'05"N	75-17'15"W	7.5' LAKEVILLE
1B3-029	JACOX POND	NY	41-26'40"N	73-55'25"W	7.5' WEST POINT
1B3-030	ELSTONS POND	PA	41-22'20"N	75-58'15"W	7.5' KINGSTON/CENTER MORELAND
1B3-032	WIXON POND	NY	41-23'45"N	73-44'05"W	7.5' LAKE CARMEL
1B3-033	(NO NAME)	NY	41-20'15"N	74-32'15"W	7.5' UNIONVILLE
1B3-034	BARGER LAKE	NY	41-21'40"N	73-48'45"W	7.5' MOHEGAN LAKE
1B3-036	NO NAME(LAKE JAMIE)	PA	41-15'00"N	74-54'25"W	7.5' EDGEMERE/LAKE MASKENOZHA
1B3-040	KITCHELL LAKE	NJ	41-05'15"N	74-21'15"W	7.5' WANAQUE
1B3-041	EAST STROUDSBURG RESERV.	PA	41-04'00"N	75-10'00"W	7.5' EAST STROUDSBURG
1B3-042	LAKE STOCKHOLM	NJ	41-04'05"N	74-31'45"W	7.5' FRANKLIN
1B3-043	TROUT LAKE	PA	41-00'15"N	75-20'30"W	7.5' MOUNT POCONO
1B3-044	HIGH CREST LAKE	NJ	41-01'10"N	74-22'30"W	7.5' NEWFOUNDLAND/WANAQUE
1B3-045	STAG POND	NJ	40-59'34"N	74-41'49"W	7.5' STANHOPE
1B3-048	(NO NAME)	NJ	40-52'15"N	74-37'45"W	7.5' CHESTER
1B3-051	BARRETT POND	NY	41-26'04"N	73-44'25"W	7.5' LAKE CARMEL
1B3-052	(NO NAME)	NY	41-29'23"N	74-32'20"W	7.5' OTISVILLE
1B3-053	NO NAME(SNOWFLAKE LAKE)	PA	41-54'18"N	75-24'37"W	7.5' STARRUCCA
1B3-055	SILVER LAKE	NY	42-19'34"N	74-10'05"W	7.5' HENSONVILLE
1B3-056	RIGA LAKE	CT	42-01'18"N	73-29'00"W	7.5' BASHBISH FALLS
1B3-057	TYRRELL LAKE	NY	41-45'25"N	73-44'58"W	7.5' VERBANK/MILLBROOK
1B3-058	CLOVE ACRES LAKE	NJ	41-12'53"N	74-36'44"W	7.5' HAMBURG
1B3-059	ISLAND POND	NY	41-15'26"N	74-08'25"W	7.5' MONROE
1B3-060	SLY LAKE	PA	41-49'25"N	75-20'14"W	7.5' LAKE COMO
1B3-062	BASSETT POND	PA	41-35'33"N	75-42'40"W	7.5' DALTON
1B3-064	POCANTICO LAKE	NY	41-07'22"N	73-50'00"W	7.5' WHITE PLAINS/OSSINING
1B3-066	SOLON POND	NY	42-37'06"N	75-55'28"W	7.5' CINCINNATUS
1B3-067	BASS LAKE	NJ	41-01'33"N	74-57'12"W	7.5' FLATBROOKVILLE
1B3-068	HOLP POND	NY	41-52'43"N	74-59'58"W	7.5' HORTON/ROSCOE
1C1-001	LAKE ABENIKI	NH	44-52'40"N	71-18'00"W	15' DIXVILLE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1C1-002	EDDY POND	ME	44-55'15"N	70-31'32"W	15' RANGELEY
1C1-003	SOUTH POND	ME	44-52'00"N	70-33'30"W	15' RANGELEY
1C1-004	LONG POND	NH	44-03'00"N	71-53'30"W	7.5' EAST HAVERHILL
1C1-008	SANDY RIVER PONDS (MID)	ME	44-53'50"N	70-33'30"W	15' RANGELEY
1C1-009	UPPER BAKER POND	NH	43-54'30"N	71-59'30"W	7.5' PIERMONT/WARREN
1C1-010	(BIG) BERRY POND	ME	45-30'20"N	70-02'15"W	15' LONG POND
1C1-011	TEN THOUSAND ACRE POND	ME	45-30'20"N	69-57'30"W	15' BRASSUA LAKE
1C1-012	WILSON HILL POND	ME	45-25'58"N	69-58'12"W	15' THE FORKS
1C1-013	SPECTACLE POND	ME	45-20'00"N	70-27'30"W	15' SPENCER LAKE
1C1-015	LITTLE JIM POND	ME	45-17'00"N	70-27'30"W	15' SPENCER LAKE
1C1-016	GRASS POND	ME	45-18'30"N	70-05'30"W	15' PIERCE POND
1C1-017	WELHERN POND	ME	45-12'45"N	70-29'40"W	15' STRATTON
1C1-018	DECKER PONDS (EASTERN)	ME	45-11'45"N	69-56'15"W	15' BINGHAM
1C1-019	LITTLE DIMMICK POND	ME	45-13'45"N	69-52'30"W	15' BINGHAM
1C1-021	CLEAR POND	ME	45-06'30"N	69-59'15"W	15' BINGHAM
1C1-022	SAFFORD POND	ME	45-00'00"N	70-06'30"W	15' LITTLE BIGELOW MTN/KINGFIELD
1C1-023	CRANBERRY POND	ME	44-51'30"N	70-56'55"W	15' OQUOSSOC
1C1-024	ROUND POND	NH	44-48'15"N	71-07'15"W	15' ERROL
1C1-025	BRAGG POND	NH	44-46'00"N	71-15'00"W	15' DIXVILLE/ERROL
1C1-027	PIKE POND	NH	44-37'50"N	71-21'10"W	15' PERCY
1C1-028	HORSESHOE POND	ME	44-35'27"N	70-40'00"W	7.5' EAST ANDOVER
1C1-029	NORTH POND	ME	44-24'15"N	70-40'30"W	7.5' BRYANT POND
1C1-030	PEARL LAKE	NH	44-12'00"N	71-52'00"W	7.5' SUGAR HILL
1C1-031	HUNT POND	ME	44-05'00"N	71-00'00"W	7.5' FRYEBURG/15' NORTH CONWAY
1C1-032	PEQUAWKET POND	NH	43-58'15"N	71-08'15"W	15' OSSIPEE LAKE
1C1-037	COOKS POND	NH	43-51'30"N	71-09'00"W	15' OSSIPEE LAKE
1C1-038	RESERVOIR POND	NH	43-47'15"N	72-02'30"W	7.5' SMARTS MTN
1C1-039	OSSIPEE LAKE	NH	43-47'30"N	71-08'00"W	15' OSSIPEE LAKE
1C1-040	MUDGETTS POND	NH	43-46'10"N	71-59'40"W	7.5' WENTWORTH
1C1-041	ENFIELD RESERVOIR	NH	43-39'50"N	72-09'00"W	15' MASCOMA

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1C1-042	DUNCAN LAKE	NH	43-42'15"N	71-06'30"W	15' WOLFEBORO
1C1-044	SMITH POND	NH	43-35'15"N	72-08'00"W	15' MASCOMA
1C1-045	COOKS POND	NH	43-33'45"N	71-05'15"W	15' WOLFEBORO
1C1-046	SHAWS POND	NH	43-32'00"N	71-08'30"W	15' WOLFEBORO
1C1-047	OTTER POND	NH	43-26'00"N	72-03'30"W	15' SUNAPEE
1C1-049	DODGE POND	NH	43-13'20"N	72-10'40"W	15' LOVEWELL MTN
1C1-050	BILLINGS POND	NH	43-17'00"N	71-56'30"W	15' MT KEARSARGE
1C1-052	CALDWELL POND	NH	43-04'36"N	72-18'20"W	15' BELLOWS FALLS
1C1-056	LITTLE ELMORE POND	VT	44-29'45"N	72-31'50"W	7.5' MT WORCESTER/15' HYDE PARK
1C1-059	FERN LAKE	VT	43-52'00"N	73-04'15"W	7.5' BRANDON
1C1-060	GREAT AVERILL POND	VT	44-59'00"N	71-42'00"W	15' AVERILL
1C1-061	ECHO POND	VT	44-51'40"N	72-00'00"W	15' MEMPHREMAGOG/ISLAND POND
1C1-062	DANIELS POND	VT	44-40'30"N	72-15'40"W	15' HARDWICK
1C1-063	CLARK POND	VT	44-38'40"N	72-12'15"W	15' LYNDONVILLE
1C1-064	LOWELL LAKE	VT	43-13'30"N	72-45'45"W	15' LONDONDERRY
1C1-065	FERRIN POND	NH	43-02'30"N	71-46'30"W	15' HILLSBORO
1C1-066	HAUNTED LAKE	NH	42-59'00"N	71-46'00"W	15' PETERBOROUGH
1C1-067	STUMP POND	NH	42-44'45"N	71-56'15"W	7.5' ASHBURNHAM/15' PETERBOROUGH
1C1-068	LINCOLN POND	MA	42-40'10"N	71-54'45"W	7.5' ASHBURNHAM
1C1-069	HIDDEN LAKE	VT	42-52'50"N	72-43'10"W	15' BRATTLEBORO
1C1-070	PACKARD POND	MA	42-38'00"N	72-14'00"W	7.5' ROYALSTON
1C1-074	BEAVER POND	ME	44-48'44"N	70-41'14"W	15' RANGELEY
1C1-075	UPPER PIERCE POND	ME	45-18'05"N	70-06'09"W	15' PIERCE POND
1C1-077	TOBEY POND	ME	45-26'42"N	69-59'10"W	15' THE FORKS
1C1-078	BEAN POND	ME	45-07'38"N	69-58'41"W	15' BINGHAM
1C1-079	BROAD BAY	NH	43-48'23"N	71-06'04"W	15' OSSIPEE LAKE
1C1-081	BEAN POND	VT	44-41'50"N	72-05'15"W	15' LYNDONVILLE
1C1-082	ROCKY POND	NH	43-50'40"N	71-59'33"W	7.5' WENTWORTH
1C1-084	UPPER BEECH POND	NH	43-38'54"N	71-12'15"W	15' WOLFEBORO
1C1-086	STAR LAKE	NH	43-27'43"N	72-03'20"W	15' SUNAPEE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1C1-087	NAY POND	NH	44-34'15"N	71-17'03"W	15' PERCY
1C1-088	LUFKIN POND	ME	44-50'25"N	70-27'46"W	15' PHILLIPS
1C2-002	IRON POND	ME	45-27'30"N	70-22'30"W	15' SPENCER LAKE
1C2-005	RICHARDSON POND	ME	44-55'30"N	70-55'00"W	15' OQUOSSOC
1C2-006	UNKNOWN POND	VT	44-39'55"N	71-43'22"W	15' GUILDHALL
1C2-007	BEAL POND	ME	44-54'14"N	70-24'30"W	15' PHILLIPS
1C2-009	JESSIE POND	ME	44-44'52"N	70-15'04"W	7.5' MT BLUE/FARMINGTON
1C2-010	ABBOTTS POND	ME	44-25'45"N	70-31'00"W	7.5' MT ZIRCON
1C2-011	MUD POND	ME	44-17'30"N	70-39'00"W	7.5' GREENWOOD
1C2-012	BLACK POND	ME	44-08'45"N	70-48'00"W	7.5' NORTH WATERFORD
1C2-016	TRAFTON POND	ME	43-50'45"N	70-53'30"W	7.5' KEZAR FALLS
1C2-018	NORTHWEST POND	ME	43-34'45"N	70-47'45"W	15' NEWFIELD
1C2-019	FOSTERS POND	VT	44-19'45"N	72-12'45"W	15' ST JOHNSBURY
1C2-021	THE POGUE	VT	43-38'00"N	72-32'35"W	7.5' WOOSTOCK NORTH
1C2-022	(NO NAME)	NH	43-52'50"N	71-18'30"W	15' MT CHOCORUA
1C2-023	SQUAM LAKE	NH	43-46'00"N	71-31'00"W	15' MT CHOCORUA/HOLDERNESS/PLYMOUTH
1C2-024	LAKE WAUKEWAN	NH	43-39'30"N	71-31'30"W	15' HOLDERNESS
1C2-026	WAUKEENA LAKE	NH	43-31'00"N	71-53'45"W	15' CARDIGAN
1C2-027	ADDER POND	NH	43-26'48"N	71-48'33"W	15' MT KEARSARGE
1C2-028	SUNSET LAKE	NH	43-28'15"N	71-18'00"W	15' GILMANTON
1C2-029	MEETINGHOUSE POND	NH	43-24'45"N	71-21-40"W	15' GILMANTON
1C2-030	CRANE NECK POND	NH	43-20'20"N	71-32'30"W	15' PENACOOK
1C2-032	CROOKED POND	NH	43-17'40"N	71-25'45"W	15' GILMANTON
1C2-033	LONG POND	NH	43-12'14"N	71-48'43"W	15' HILLSBORO
1C2-034	MARSH POND	NH	43-14'4C"N	71-23'45"W	7.5' SUNCOOK
1C2-035	SMITH POND	NH	43-09'15"N	72-01'45"W	15' LOVEWELL MTN
1C2-036	KIMBALL POND	NH	43-11'15"N	71-40'00"W	7.5' HOPKINTON
1C2-037	MENDUMS POND	NH	43-10'30"N	71-04'00"W	7.5' BARRINGTON/15' MT PAWTUCKAWAY
1C2-039	(NO NAME)	NH	43-03'15"N	71-52'15"W	15' HILLSBORO
1C2-040	DORRS POND	NH	43-00'50"N	71-27'15"W	7.5' MANCHESTER NORTH

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1C2-041	JUGGERNAUT POND	NH	42-57'35"N	72-00'45"W	15' MONADNOCK
1C2-042	STONE POND	NH	42-53'45"N	72-09'15"W	15' MONADNOCK
1C2-043	SEBBINS POND	NH	42-55'45"N	71-28'45"W	7.5' MANCHESTER SOUTH
1C2-044	SCOTT POND	NH	42-47'15"N	72-07'00"W	15' MONADNOCK
1C2-045	SIP POND	NH	42-44'00"N	72-06'15"W	7.5' WINCHENDON
1C2-048	CRANBERRY POND	NY	42-44'40"N	73-26'00"W	7.5' TABORTON
1C2-050	MOORES POND	MA	42-39'20"N	72-20'50"W	7.5' MT GRACE
1C2-051	CHESHIRE POND	NH	42-49'15"N	72-00'40"W	15' MONADNOCK
1C2-052	SHERMAN RESERVOIR	VT	42-44'30"N	72-55'35"W	15' WILMINGTON/7.5' ROWE
1C2-053	KEZAR LAKE	NH	43-21'45"N	71-57'00"W	15' MT KEARSARGE
1C2-054	LAKE WAMPONOAG	MA	42-37'02"N	71-57'45"W	7.5' ASHBURNHAM/GARDNER
1C2-055	NORTH RIVER POND	NH	43-11'45"N	71-07'45"W	7.5' NORTHWOOD/BARRINGTON
1C2-056	DRURY POND	ME	44-42'15"N	70-14'30"W	7.5' FARMINGTON
1C2-057	BABBIDGE RESERVOIR	NH	42-56'05"N	72-13'00"W	15' MONADNOCK
1C2-059	NORTHWOOD LAKE	NH	43-12'33"N	71-15'00"W	15' MT PAWTUCKAWAY/7.5' GOSSVILLE
1C2-060	WEST POND	ME	43-45'15"N	70-52'30"W	15' NEWFIELD/7.5' CORNISH/KEZAR FALLS
1C2-061	GREAT HILL POND	NH	43-53'20"N	71-20'00"W	15' MT CHOCORUA
1C2-062	PEMIGEWASSET LAKE	NH	43-36'55"N	71-35'45"W	15' HOLDERNESS
1C2-063	BOG POND	NH	43-26'20"N	71-52'15"W	15' MT KEARSARGE
1C2-064	HANCOCK POND	ME	44-57'20"N	69-59'10"W	15' ANSON/KINGFIELD
1C2-065	DAN CHARLES POND	ME	44-10'53"N	70-49'35"W	7.5' NORTH WATERFORD
1C2-066	TURTLE POND	NH	43-15'15"N	71-31'00"W	15' PENACOOK
1C2-067	DUBES POND	NH	43-04'13"N	71-24'07"W	7.5' MANCHESTER NORTH
1C2-068	QUIMBY POND	ME	44-59'27"N	70-44'31"W	15' RANGELEY
1C2-069	LITTLE POND	ME	43-57'40"N	70-48'52"W	7.5' HIRAM
1C2-070	LEVI POND	VT	44-16'00"N	72-13'40"W	15' ST JOHNSBURY
1C3-003	RODERIQUE POND	ME	45-39'15"N	69-55'40"W	15' BRASSUA LAKE
1C3-004	SUGAR BERTH POND	ME	45-38'30"N	70-21'00"W	15' ATTEAN
1C3-005	LITTLE FISH POND	ME	45-32'48"N	70-28'37"W	15' ATTEAN
1C3-006	MUD POND	ME	45-31'20"N	70-40'49"W	7.5' BOUNDARY POND

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1C3-007	HORSESHOE POND	ME	45-27'30"N	69-56'00"W	15' THE FORKS
1C3-009	DERBY POND	VT	44-57'00"N	72-07'00"W	15' MEMPHREMAGOG
1C3-011	ST ALBANS RES (SO. PART)	VT	44-45'30"N	73-03'50"W	7.5' ST ALBANS
1C3-012	GILLETT POND	VT	44-21'15"N	72-57'45"W	7.5' HUNTINGTON
1C3-013	SUNRISE LAKE	VT	43-45'38"N	73-15'35"W	7.5' ORWELL
1C3-014	BREESE POND	VT	43-42'50"N	73-13'00"W	7.5' BOMOSEEN
1C3-017	CARTER POND	NY	43-09'50"N	73-25'15"W	7.5' COSSAYUNA
1C3-018	NO NAME(NO NAME LAKE)	NY	42-46'10"N	73-32'50"W	7.5' TOMHANNOCK
1C3-020	BERKSHIRE POND	MA	42-30'15"N	73-11'50"W	7.5' CHESHIRE
1C3-021	MUD POND	VT	44-23'40"N	72-23'15"W	15' PLAINFIELD
1C3-022	BERLIN POND	VT	44-11'15"N	72-35'15"W	7.5' BARRE WEST
1C3-023	LIME POND	NH	44-52'15"N	71-29'20"W	15' DIXVILLE
1C3-024	NEAL POND	VT	44-29'30"N	71-41'30"W	15' WHITEFIELD
1C3-025	BURNS POND	NH	44-21'00"N	71-38'30"W	15' WHITEFIELD
1C3-027	MOSES POND	NH	43-32'25"N	72-18'50"W	7.5' NORTH HARTLAND
1C3-028	HALL POND	NH	43-15'00"N	72-21'30"W	15' BELLOWS FALLS/CLAREMONT
1C3-030	PELHAM LAKE	MA	42-42'00"N	72-53'30"W	7.5' ROWE
1C3-031	SADAWGA LAKE	VT	42-47'00"N	72-52'30"W	15' WILMINGTON
1C3-032	BEAR POND	ME	44-09'15"N	70-43'00"W	15' NORWAY
1C3-034	HANSEN POND	ME	43-35'45"N	70-54'30"W	15' NEWFIELD
1C3-040	WHEELWRIGHT POND	NH	43-08'20"N	71-00'30"W	7.5' DOVER WEST/15' MT PAWTUCKAWAY
1C3-043	ARLINGTON MILL RESERVOIR	NH	42-49'15"N	71-12'30"W	7.5' SALEM DEPOT
1C3-044	NATICOOK LAKE	NH	42-49'10"N	71-31'45"W	7.5' SOUTH MERRIMACK
1C3-045	KENOZA LAKE	MA	42-47'15"N	71-03'30"W	7.5' HAVERHILL
1C3-047	JOHNSONS POND	MA	42-43'45"N	71-03'15"W	7.5' SOUTH GROVELAND
1C3-048	ALTHEA LAKE	MA	42-40'10"N	71-22'50"W	7.5' NASHUA SOUTH
1C3-050	NEWFIELD POND	MA	42-38'00"N	71-23'20"W	7.5' NASHUA SOUTH
1C3-051	SALEM POND	VT	44-55'47"N	72-06'17"W	15' MEMPHREMAGOG
1C3-055	DARRAH POND	NH	42-49'52"N	71-26'40"W	7.5' NASHUA NORTH
1C3-059	(NO NAME)	VT	44-32'06"N	73-05'52"W	7.5' ESSEX CENTER

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1C3-060	STEARNS POND	ME	44-07'20"N	70-46'38"W	7.5' PLEASANT MTN./NORTH WATERFORD
1C3-061	HOVEYS POND	MA	42-43'05"N	71-04'37"W	7.5' SOUTH GROVELAND
1C3-062	(NO NAME)	MA	42-36'50"N	71-38'18"W	7.5' SHIRLEY
1C3-063	MARTIN MEADOW POND	NH	44-26'30"N	71-36'30"W	15' WHITEFIELD
1C3-064	KETTLE POND	VT	44-17'40"N	72-19'08"W	15' PLAINFIELD
1C3-065	WALKER POND	VT	43-44'33"N	73-08'27"W	7.5' BOMOSEEN
1C3-066	LAKE PARAN	VT	42-55'57"N	73-14'00"W	7.5' BENNINGTON
1C3-067	WARREN POND	ME	43-13'37"N	70-43'40"W	7.5' YORK HARBOR
1C3-068	FRENCH POND	NH	44-06'05"N	71-58'08"W	7.5' EAST HAVERHILL
1C3-069	UNKNOWN POND	ME	45-36'15"N	70-38'04"W	7.5' BOUNDARY POND
1C3-072	LAKE ST. CATHERINE	VT	43-27'30"N	73-12'30"W	7.5' WELLS
1C3-073	PONTOOSUC LAKE	MA	42-30'00"N	73-15'00"W	7.5' HANCOCK/CHESHIRE/PITTSFIELD W.&E.
1C3-074	BLACK BROOK POND	ME	45-24'09"N	69-53'52"W	15' THE FORKS
1D1-003	QUEEN LAKE	MA	42-32'00"N	72-07'00"W	7.5' TEMPLETON
1D1-004	QUABBIN RESERVOIR	MA	42-25'00"N	72-17'30"W	7.5' ORANGE/SHUTESBURY/PETERSHAM
1D1-006	WHITEHALL POND	MA	42-22'15"N	71-59'45"W	7.5' PAXTON
1D1-007	DEAN POND	MA	42-20'45"N	72-01'30"W	7.5' NORTH BROOKFIELD
1D1-008	KENDALL RESERVOIR	MA	42-20'30"N	71-53'30"W	7.5' PAXTON
1D1-009	LARKUM POND	MA	42-09'50"N	73-03'30"W	7.5' OTIS
1D1-011	(NO NAME)	MA	42-03'00"N	73-13'15"W	7.5' SOUTH SANDISFIELD
1D1-012	GOOSE POND	MA	42-00'30"N	72-46'37"W	7.5' SOUTHWICK
1D1-014	HAMILTON RESERVOIR	MA	42-02'19"N	72-09'16"W	7.5' WALES
1D1-015	(NO NAME)	CT	42-01'30"N	72-08'15"W	7.5' WALES
1D1-016	MOREY POND	CT	41-57'35"N	72-11'35"W	7.5' WESTFORD
1D1-017	BISSONNETTE POND	CT	41-55'25"N	72-13'05"W	7.5' WESTFORD
1D1-018	WILSON RESERVOIR	RI	41-58'10"N	71-43'45"W	7.5' CHEPACHET
1D1-019	WATERMAN POND	RI	41-42'50"N	71-43'45"W	7.5' COVENTRY CENTER
1D1-020	BAILEY POND	CT	41-38'15"N	71-47'30"W	7.5' ONECO
1D1-021	TIPPECANSETT POND	RI	41-35'50"N	71-47'00"W	7.5' VOLUNTOWN
1D1-022	SECRET LAKE	RI	41-33'15"N	71-28'45"W	7.5' WICKFORD

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1D1-024	THE RESERVOIR	RI	41-32'25"N	71-31'30"W	7.5' SLOCUM
1D1-027	SCHOOL HOUSE POND	RI	41-24'00"N	71-40'00"W	7.5' CAROLINA
1D1-029	(NO NAME)	MA	41-54'15"N	70-51'30"W	7.5' PLYMPTON
1D1-030	FRESH MEADOW POND	MA	41-55'12"N	70-44'30"W	7.5' PLYMOUTH
1D1-031	KINGS POND	MA	41-54'40"N	70-42'15"W	7.5' PLYMOUTH
1D1-033	ISLAND POND	MA	41-54'00"N	70-38'30"W	7.5' PLYMOUTH
1D1-034	ROCKY POND	MA	41-53'10"N	70-41'45"W	7.5' PLYMOUTH
1D1-035	HALFWAY POND	MA	41-51'15"N	70-37'15"W	7.5' SAGAMORE/WAREHAM
1D1-036	CHARGE POND	MA	41-49'00"N	70-40'30"W	7.5' WAREHAM
1D1-037	EZEKIEL POND	MA	41-48'15"N	70-36'45"W	7.5' SAGAMORE
1D1-038	LITTLE HERRING POND	MA	41-49'30"N	70-34'30"W	7.5' SAGAMORE
1D1-039	FLAX POND	MA	41-43'00"N	70-11'20"W	7.5' DENNIS
1D1-043	SPECTACLE POND	MA	41-42'15"N	70-27'30"W	7.5' SANDWICH
1D1-046	ROBBINS POND	MA	41-42'20"N	70-06'40"W	7.5' HARWICH
1D1-049	LANE POND	CT	41-24'05"N	72-44'05"W	7.5' DURHAM
1D1-050	FOSTERS POND	CT	41-21'30"N	72-35'05"W	7.5' CLINTON
1D1-052	STREETER POND	MA	42-20'11"N	71-54'33"W	7.5' PAXTON
1D1-054	UPPER MILLPOND	MA	41-43'51"N	70-07'00"W	7.5' DENNIS/HARWICH
1D1-055	BORDEN BROOK RESERVOIR	MA	42-07'47"N	72-56'45"W	7.5' BLANDFORD/WEST GRANVILLE
1D1-056	LITTLE WEST POND	MA	41-55'17"N	70-42'24"W	7.5' PLYMOUTH
1D1-058	GRIGGS POND	CT	42-00'07"N	72-05'14"W	7.5' SOUTHBRIDGE/EASTFORD
1D1-059	LARKIN POND	RI	41-28'12"N	71-33'30"W	7.5' KINGSTON
1D1-060	WHITE POND	MA	41-42'07"N	70-08'02"W	7.5' DENNIS
1D1-061	ROUND POND	MA	41-51'08"N	70-36'17"W	7.5' SAGAMORE
1D1-062	SANTUIT POND	MA	41-39'14"N	70-27'30"W	7.5' COTUIT
1D1-064	SNOW POND	MA	42-26'54"N	71-50'50"W	7.5' STERLING
1D1-065	ASHVILLE POND	RI	41-30'03"N	71-45'23"W	7.5' VOLUNTOWN/ASHAWAY
1D1-066	LAKE MISHNOCK	RI	41-39'14"N	71-35'29"W	7.5' CROMPTON
1D1-067	ROUND POND	RI	41-58'17"N	71-46'20"W	7.5' THOMPSON
1D1-068	LITTLE SANDY POND	MA	41-47'47"N	70-36'13"W	7.5' SAGAMORE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1D2-003	BOONS POND	MA	42-24'12"N	71-30'08"W	7.5' HUDSON/MAYNARD
1D2-005	GREENWOOD POND	MA	42-33'15"N	71-57'15"W	7.5' GARDNER
1D2-006	AMES POND	MA	42-29'52"N	72-25'09"W	7.5' SHUTESBURY
1D2-009	SIBLEY PONDS (NORTHERN)	MA	42-09'00"N	72-00'37"W	7.5' EAST BROOKFIELD
1D2-010	GORE POND	MA	42-05'00"N	71-57'00"W	7.5' WEBSTER
1D2-012	GOOSE POND	MA	42-17'00"N	73-12'00"W	7.5' EAST LEE
1D2-013	BENEDICT POND	MA	42-12'15"N	73-17'15"W	7.5' GREAT BARRINGTON
1D2-015	MASSAPOAG LAKE	MA	42-06'15"N	71-10'30"W	7.5' MANSFIELD
1D2-017	MAQUAN POND	MA	42-03'45"N	70-51-10"W	7.5' HANOVER
1D2-023	FORGE POND	MA	41-55'05"N	70-36'40"W	7.5' MANOMET
1D2-024	THE RESERVOIR	MA	41-51'45"N	70-56'30"W	7.5' ASSAWOMPSET POND
1D2-025	LITTLE QUITTACAS POND	MA	41-47'30"N	70-55'00"W	7.5' ASSAWOMPSET POND
1D2-027	SANDY POND	MA	41-46'20"N	70-39'15"W	7.5' WAREHAM
1D2-029	FLAX POND	MA	41-41'20"N	70-35'45"W	7.5' POCASSET
1D2-030	SHALLOW POND	MA	41-40'30"N	70-19'30"W	7.5' HYANNIS
1D2-031	PLASHES POND	MA	41-40'15"N	70-13'15"W	7.5' DENNIS
1D2-034	WINGS POND	MA	41-37'36"N	70-37'35"W	7.5' ONSET/POCASSET/WOODS HOLE
1D2-036	MICAH POND	MA	41-38'20"N	70-22'45"W	7.5' COTUIT
1D2-040	WESTEND POND	MA	41-27'45"N	70-47'45"W	7.5' NAUSHON ISLAND
1D2-043	GIBBS POND	MA	41-16'25"N	70-01'00"W	7.5' SIASCONSET
1D2-044	ANDOVER LAKE	CT	41-43'00"N	72-21'30"W	7.5' COLUMBIA
1D2-045	TRANSYLVANIA POND	CT	41-30'40"N	73-14'20"W	7.5' WOODBURY
1D2-049	SPRING GROVE POND	RI	41-54'35"N	71-39'00"W	7.5' CHEPACHET
1D2-050	TIOGUE LAKE	RI	41-40'45"N	71-33'00"W	7.5' CROMPTON
1D2-053	SHALLOW POND	MA	41-36'33"N	70-35'10"W	7.5' FALMOUTH
1D2-055	BIG STATION POND	MA	41-32'56"N	70-00'23"W	7.5' MONOMOY POINT
1D2-059	LONG POND	MA	41-56'40"N	70-00'20"W	7.5' WELLFLEET
1D2-060	MOREY HOLE	MA	41-52'03"N	70-33'29"W	7.5' SAGAMORE
1D2-064	WATCHA POND	MA	41-21'17"N	70-36'47"W	7.5' TISBURY GREAT POND
1D2-065	PATTAQUATTIC POND	MA	42-12'45"N	72-18'39"W	7.5' PALMER

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1D2-069	KING POND	RI	41-46'22"N	71-39'38"W	7.5' CLAYVILLE
1D2-074	STETSON POND	MA	42-01'40"N	70-49'39"W	7.5' HANOVER
1D2-076	HAMBLIN POND	MA	41-40'04"N	70-24'35"W	7.5' SANDWICH/COTUIT
1D2-077	STONY BROOK POND	MA	42-06'34"N	71-19'17"W	7.5' WRENTHAM
1D2-078	CAHOON POND	MA	41-43'32"N	70-02'07"W	7.5' HARWICH
1D2-080	PICKEREL LAKE	CT	41-31'48"N	72-25'13"W	7.5' MOODUS
1D2-081	WHITE POND	MA	42-23'28"N	71-28'52"W	7.5' MAYNARD
1D2-084	GOOSE POND	MA	41-41'38"N	70-00'28"W	7.5' HARWICH
1D2-085	FLAT RIVER RES. (EAST ARM)	RI	41-41'01"N	71-36'00"W	7.5' CROMPTON
1D2-087	CUSKY POND	MA	42-19'25"N	72-05'32"W	7.5' NORTH BROOKFIELD
1D2-091	(NO NAME)	MA	42-00'04"N	70-53'35"W	7.5' WHITMAN/BRIDGEWATER
1D2-093	ASHLAND RESERVOIR	MA	42-14'22"N	71-27'52"W	7.5' HOLLISTON
1D2-094	SNOWS POND	MA	41-45'30"N	70-51'10"W	7.5' SNIPATUIT POND
1D3-001	STEVENS POND	MA	42-41'00"N	70-59'55"W	7.5' GEORGETOWN
1D3-002	DYKES POND	MA	42-36'15"N	70-43'46"W	7.5' GLOUCESTER
1D3-003	SANDY POND	MA	42-33'45"N	71-33'15"W	7.5' AYER
1D3-004	CROCKER POND	MA	42-31'40"N	71-51'15"W	7.5' FITCHBURG
1D3-006	STUART POND	MA	42-29'00"N	71-49'45"W	7.5' STERLING
1D3-008	GREAT PONDS (SOUTHERN)	MA	42-23'30"N	72-36'22"W	7.5' MT TOBY
1D3-015	(NO NAME)	MA	42-12'20"N	70-58'35"W	7.5' WEYMOUTH
1D3-016	ASHLEY POND	MA	42-10'00"N	72-40'00"W	7.5' MT TOM
1D3-017	DARK BROOK RESERVOIR	MA	42-11'30"N	71-51'45"W	7.5' WORCESTER SOUTH
1D3-019	WEST LAKE	MA	42-08'00"N	73-09'45"W	7.5' MONTEREY
1D3-020	LITTLE ALUM POND	MA	42-07'45"N	72-09'15"W	7.5' WARREN
1D3-023	LAKE GEORGE	MA	42-03'30"N	72-13'20"W	7.5' WALES
1D3-024	CROCKER POND	MA	42-04'00"N	71-17'45"W	7.5' WRENTHAM
1D3-025	LONG POND	CT	42-01'15"N	71-49'00"W	7.5' OXFORD
1D3-026	ARNOLD MILLS RES	RI	41-59'00"N	71-23'45"W	7.5' PAWTUCKET
1D3-028	GUSHEE POND	MA	41-56'30"N	71-01'45"W	7.5' TAUNTON
1D3-029	KILLINGLY POND	CT	41-51'45"N	71-47'45"W	7.5' EAST KILLINGLY

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1D3-031	WARREN UPPER RESERVOIR	MA	41-49'45"N	71-13'15"W	7.5' SOMERSET
1D3-033	(NO NAME)	CT	41-39'30"N	73-11'30"W	7.5' LITCHFIELD
1D3-036	LAKE WINNEMAUG	CT	41-35'00"N	73-07'45"W	7.5' WOODBURY
1D3-042	CEDAR POND	CT	41-19'15"N	72-46'45"W	7.5' BRANFORD
1D3-043	SILVIAS POND	CT	41-21'47"N	71-54'30"W	7.5' MYSTIC
1D3-044	MIDDLE FARMS POND	NY	41-16'30"N	71-58'40"W	7.5' MYSTIC
1D3-046	FORT POND	NY	41-02'30"N	71-57'15"W	7.5' MONTAUK POINT
1D3-047	HOOK POND	NY	40-57'00"N	72-11'20"W	7.5' EAST HAMPTON
1D3-048	(NO NAME)	NY	40-51'21"N	73-27'45"W	7.5' HUNTINGTON
1D3-056	LEANDER POND	CT	41-50'15"N	72-11'18"W	7.5' SPRING HILL
1D3-063	CHEBACCO LAKE	MA	42-36'47"N	70-48'30"W	7.5' MARBLEHEAD NORTH
1D3-065	COY POND	MA	42-35'32"N	70-49'22"W	7.5' MARBLEHEAD NORTH
1D3-068	WESTBORO RESERVOIR	MA	42-14'27"N	71-36'22"W	7.5' MILFORD
1D3-069	WATABA LAKE	CT	41-20'30"N	73-29'45"W	7.5' BETHEL
1D3-076	QUINEBAUG POND	CT	41-46'29"N	71-53'19"W	7.5' DANIELSON
1D3-083	LAKE FLOREN	CT	41-45'25"N	73-14'33"W	7.5' WEST TORRINGTON
1D3-084	HARTLAND POND	CT	42-01'06"N	73-00'36"W	7.5' TOLLAND CENTER
1D3-088	SWANS POND	MA	42-07'25"N	71-42'10"W	7.5' GRAFTON/UXBRIDGE
1D3-091	GREAT POND	CT	41-19'01"N	73-28'07"W	7.5' BETHEL
1D3-092	INDIAN LAKE	CT	41-15'03"N	73-00'40"W	7.5' MILFORD/ANSONIA
1E1-004	BLACK POND	ME	45-44'45"N	69-16'45"W	15' FIRST ROACH POND
1E1-006	FOURTH ROACH POND	ME	45-38'30"N	69-15'00"W	15' FIRST ROACH POND/JO-MARY MTN
1E1-009	PEEP LAKE	ME	44-54'30"N	67-53'30"W	15' TUG MTN
1E1-010	SIX PONDS	ME	46-00'30"N	68-55'30"W	15' TRAVELER MTN
1E1-011	FOURTH DAVIS POND	ME	45-15'30"N	69-23'40"W	15' SEBEC LAKE
1E1-012	HOPKINS POND	ME	44-47'30"N	68-27'15"W	15' GREAT POND
1E1-014	TORREY POND	ME	44-14'35"N	68-39'00"W	15' DEER ISLE
1E1-015	RAYMOND POND	ME	43-58'00"N	70-25'45"W	7.5' RAYMOND
1E1-017	WEED POND	ME	46-02'00"N	68-52'30"W	15' TRAVELER MTN
1E1-018	LILY PAD POND	ME	45-52'35"N	69-02'30"W	15' HARRINGTON LAKE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude		Map scale/name
1E1-020	SECOND DEBSCONEAG LAKE	ME	45-46'45"N	69-02'30"W	15'	HARRINGTON LAKE
1E1-022	SECOND CHAIN LAKE	ME	45-00'00"N	67-44'00"W	15'	BIG LAKE/WESLEY
1E1-023	GARDNER POND	ME	46-04'28"N	68-39'54"W	15'	SHIN POND
1E1-024	FROST POND	ME	45-54'30"N	69-11'15"W	15'	HARRINGTON LAKE
1E1-025	BEAN PONDS (MIDDLE)	ME	45-48'45"N	69-11'30"W	15'	HARRINGTON LAKE
1E1-027	(NO NAME)	ME	45-47'25"N	69-14'30"W	15'	HARRINGTON LAKE
1E1-028	MILLINOCKET LAKE	ME	45-45'00"N	68-47'00"W	15'	KATAHDIN/NORCROSS/STACYVILLE
1E1-029	SALMON STREAM LAKE	ME	45-43'30"N	68-29'09"W	15'	MATTAWAMKEAG
1E1-030	LOWER JO-MARY LAKE	ME	45-41'00"N	69-00'00"W	15'	JO-MARY MTN/NORCROSS
1E1-031	DOLBY POND (NORTHERN)	ME	45-41'00"N	68-37'30"W	15'	MILLINOCKET
1E1-034	TROUT POND	ME	45-28'35"N	69-23'30"W	15'	SEBEC LAKE
1E1-036	CROOKED BROOK LAKE	ME	45-33'00"N	67-43'15"W	15'	FOREST
1E1-038	EBEEMEE LAKE	ME	45-25'30"N	69-00'30"W	15'	SEBEC/SCHOODIC
1E1-040	LT.GREENWOOD POND (WEST)	ME	45-22'00"N	69-24'30"W	15'	SEBEC LAKE
1E1-044	SOUTH POND	ME	45-20'30"N	69-27'25"W	15'	SEBEC LAKE
1E1-045	BIG GRAPEVINE POND	ME	45-18'45"N	69-15'30"W	15'	SEBEC LAKE
1E1-046	LITTLE ROUND POND	ME	45-18'48"N	68-26'55"W	15'	WINN
1E1-047	KEG LAKE	ME	45-19'30"N	68-03'15"W	15'	SPRINGFIELD
1E1-050	LOWER OXBROOK LAKE	ME	45-17'00"N	67-50'30"W	15'	SCRAGGLY LAKE
1E1-051	WHETSTONE POND	ME	45-13'00"N	69-33'30"W	15'	KINGSBURY
1E1-052	SPRING LAKE	ME	45-13'00"N	68-13'00"W	15'	NICATOUS LAKE
1E1-053	PALMER POND	ME	45-10'00"N	69-43'50"W	15'	KINGSBURY
1E1-054	DUCK LAKE	ME	45-09'00"N	68-06'00"W	15'	NICATOUS LAKE
1E1-055	OTTER POND	ME	45-05'52"N	69-41'35"W	15'	KINGSBURY
1E1-056	GETCHEL LAKES (NORTHERN)	ME	45-08'00"N	67-52'40"W	15'	WABASSUS LAKE
1E1-057	OLAMON POND	ME	45-01'40"N	68-23'40"W	15'	SAPONAC
1E1-058	LOWER SABAGO LAKE	ME	45-00'00"N	68-01'30"W	15'	LEAD MTN/15' NICATOUS LAKE
1E1-059	POSSUM LAKE	ME	45-01'00"N	67-41'45"W	15'	BIG LAKE
1E1-060	BRACEY POND	ME	44-57'45"N	68-07'20"W	15'	LEAD MTN
1E1-061	LITTLE SEAVEY LAKE	ME	44-56'15"N	67-38'00"W	15'	WESLEY

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude		Map scale/name
1E1-062	LONG POND	ME	44-55'00"N	68-16'11"W	15'	GREAT POND
1E1-063	SEAVEY LAKE	ME	44-54'20"N	67-37'30"W	15'	WESLEY
1E1-066	FULTON LAKE	ME	44-51'00"N	67-33'30"W	15'	WESLEY
1E1-067	SPECTACLE POND	ME	44-45'00"N	68-13'00"W	7.5'	MOLASSES POND/15'LEAD MTN.
1E1-068	GEORGE POND	ME	44-44'15"N	68-38'00"W	7.5'	BREWER LAKE/15' ORLAND
1E1-069	GRASSY POND(SPRINGY POND)	ME	44-45'30"N	68-29'30"W	15'	GREAT POND
1E1-070	THURSTON POND	ME	44-40'00"N	68-43'30"W	7.5'	BREWER LAKE/15' ORLAND
1E1-071	LITTLE HATCASE POND	ME	44-42'10"N	68-31'30"W	7.5'	GREEN LAKE
1E1-072	SCHOODIC LAKE	ME	44-41'45"N	67-53'30"W	15'	CHERRYFIELD
1E1-073	GEORGES POND	ME	44-37'00"N	68-14'30"W	15'	TUNK LAKE/ELLSWORTH 7.5' SULLIVAN
1E1-074	CRAIG POND	ME	44-35'00"N	68-40'00"W	7.5'	ORLAND/15' ORLAND
1E1-076	WIGHT POND	ME	44-28'15"N	68-40'30"W	7.5'	PENOBSCOT
1E1-077	PARKER POND	ME	44-22'20"N	68-42'30"W	7.5'	SARGENTVILLE/PENOBSCOT
1E1-078	MEADOW POND	ME	44-21'25"N	68-54'00"W	7.5'	ISLESBORO
1E1-079	UPPER HADLOCK POND	ME	44-19'20"N	68-17'15"W	15'	MOUNT DESERT
1E1-082	STEVENS POND	ME	44-22'00"N	69-18'00"W	7.5'	LIBERTY/WASHINGTON
1E1-083	DYER LONG POND	ME	44-11'00"N	69-31'30"W	7.5'	NORTH WHITEFIELD
1E1-084	CRESENT (RATTLESNAKE) L.	ME	43-58'30"N	70-27'30"W	7.5'	RAYMOND
1E1-086	SEWELL POND	ME	43-52'15"N	69-46'52"W	7.5'	PHIPPSBURG
1E1-087	(NO NAME)	ME	43-45'00"N	70-40'40"W	15'	SEBAGO LAKE/BUXTON
1E1-088	KENNEBUNK POND	ME	43-30'15"N	70-39'00"W	15'	BUXTON/KENNEBUNK
1E1-089	JOSH POND	ME	44-46'45"N	67-18'30"W	15'	GARDENER LAKE
1E1-090	ORANGE LAKE	ME	44-46'10"N	67-15'00"W	15'	GARDENER LAKE/7.5' WHITING
1E1-091	JIMMIES POND	ME	44-58'04"N	68-09'38"W	15'	LEAD MTN
1E1-092	GREAT POND	ME	44-36'03"N	68-17'00"W	15'	ELLSWORTH
1E1-093	BELL POND	ME	45-20'35"N	69-31'17"W	15'	GREENVILLE
1E1-096	MIDDLE CHAIN LAKE	ME	45-13'11"N	68-04'45"W	15'	NICATOUS LAKE
1E1-097	UPPER OXHEAD POND	ME	45-04'55"N	68-15'16"W	15'	SAPONAC
1E1-100	ROCKY LAKE	ME	44-51'46"N	67-27'30"W	15'	GARDNER LAKE
1E1-101	LONG POND	ME	44-02'15"N	68-36'40"W	15'	DEER ISLE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1E1-102	PEAKED MOUNTAIN POND	ME	46-00'43"N	68-38'10"W	15' SHIN POND
1E1-103	CROOKED POND	ME	45-21'10"N	68-26'35"W	15' WINN
1E1-105	CLIFFORD POND	ME	45-50'06"N	69-05'37"W	15' HARRINGTON LAKE
1E1-106	GREENWOOD POND	ME	45-32'07"N	69-13'58"W	15' JO-MARY MTN
1E1-108	DOUGHNUT POND	ME	45-48'34"N	69-07'24"W	15' HARRINGTON LAKE
1E1-109	SHIRLEY POND	ME	45-22'06"N	69-37'17"W	15' GREENVILLE
1E1-111	LONG POND	ME	44-32'02"N	68-10'13"W	15' TUNK LAKE
1E1-113	UP. COLD STREAM PONDS (E)	ME	45-18'13"N	68-27'02"W	15' WINN
1E1-116	HEDGEHOG POND	ME	45-28'45"N	69-24'45"W	15' SEBEC LAKE
1E1-117	LILY POND	ME	43-58'57"N	70-19'02"W	7.5' GRAY
1E1-118	HOBART BOG	ME	44-51'02"N	67-15'22"W	15' GARDNER LAKE
1E1-119	(NO NAME)	ME	43-48'54"N	70-40'10"W	15' SEBAGO LAKE
1E1-120	(NO NAME)	ME	45-27'26"N	68-50'46"W	15' SCHOODIC
1E1-122	LITTLE POND	ME	44-23'34"N	69-19'14"W	7.5' LIBERTY
1E1-123	FIRST POND	ME	44-22'10"N	68-36'00"W	15' BLUE HILL
1E1-124	LOWER HADLOCK POND	ME	44-18'36"N	68-17'26"W	15' MOUNT DESERT
1E1-126	FITTS POND	ME	44-45'47"N	68-33'21"W	15' ORONO
1E1-128	HALFMILE POND	ME	44-50'59"N	68-25'47"W	15' GREAT POND
1E1-129	SMITH POND	ME	45-03'44"N	69-42'43"W	15' KINGSBURY
1E2-002	(NO NAME)	ME	45-59'40"N	69-47'00"W	15' SEBOOMOOK LAKE
1E2-003	(NO NAME)	ME	45-57'15"N	70-04'05"W	15' PENOBSCOT LAKE
1E2-004	LOST POND	ME	46-13'00"N	69-20'50"W	15' CHESUNCOOK
1E2-007	FAIRBANKS POND	ME	44-23'21"N	69-49'52"W	7.5' BELGRADE
1E2-010	FOREST POND	ME	43-59'50"N	69-21'15"W	7.5' FRIENDSHIP
1E2-011	ELM POND	ME	46-01'30"N	69-48'30"W	15' SAINT JOHN POND
1E2-012	SECOND MUSQUACOOK LAKE	ME	46-38'00"N	69-10'30"W	15' MUSQUACOOK LAKES
1E2-014	CLARKSON POND	ME	46-25'20"N	69-28'00"W	15' CHURCHILL LAKE
1E2-015	(NO NAME)	ME	46-16'45"N	69-36'25"W	15' ALLAGASH LAKE
1E2-016	ROUND POND	ME	46-14'30"N	69-33'45"W	15' CAUCOMGOMOC L./ ALLAGASH L.
1E2-017	BIG HURD POND	ME	46-10'00"N	69-40'00"W	15' CAUCOMGOMOC LAKE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1E2-018	WEBSTER LAKE	ME	46-09'30"N	69-05'00"W	15' TELOS LAKE
1E2-019	GREEN POND	ME	46-09'00"N	68-24'15"W	15' ISLAND FALLS
1E2-021	(NO NAME)	ME	46-07'45"N	68-35'10"W	15' SHIN POND
1E2-023	ROBINSON POND	ME	46-01'45"N	69-57'30"W	15' ST JOHN POND
1E2-025	(NO NAME)	ME	45-53'30"N	69-46'25"W	15' SEBOOMOOK LAKE
1E2-027	TOMHEGAN POND	ME	45-48'00"N	69-53'30"W	15' SEBOOMOOK LAKE
1E2-029	PLEASANT LAKE	ME	45-04'00"N	67-29'00"W	15' CALAIS
1E2-030	ROUND LAKE	ME	45-01'00"N	67-16'00"W	15' CALAIS
1E2-037	MOOSE POND	ME	44-28'30"N	69-58'00"W	7.5' READFIELD
1E2-038	NELSON POND	ME	44-24'55"N	70-15'45"W	7.5' CANTON
1E2-039	NORTHEAST POND	ME	44-20'30"N	70-21'15"W	7.5' BUCKFIELD
1E2-043	THOMPSON LAKE	ME	44-06'00"N	70-30'00"W	15' NORWAY/7.5'OXFORD/MECHANICS FALLS
1E2-044	TRIPP POND	ME	44-03'00"N	70-26'00"W	7.5' MECHANICS FALLS
1E2-045	SEBAGO LAKE	ME	43-50'00"N	70-30'00"W	15' SEBAGO L./7.5'RAYMOND/NORTH WINDHAM
1E2-046	RICH MILL POND	ME	43-47'30"N	70-34'30"W	15' SEBAGO LAKE
1E2-047	ROUND POND	ME	44-12'15"N	69-17'30"W	7.5' UNION
1E2-048	LITTLE MEDOMAK LAKE	ME	44-11'25"N	69-20'30"W	7.5' UNION
1E2-049	GROSS POND	ME	44-03'30"N	69-23'35"W	7.5' WALDOBORO WEST
1E2-051	JOYS POND	ME	44-13'20"N	69-40-02"W	7.5' EAST PITTSTON
1E2-052	SUMMIT POND	ME	46-01'40"N	69-52'50"W	15' SAINT JOHN POND
1E2-053	HUTCHINSON POND	ME	44-15'52"N	69-52'21"W	7.5' AUGUSTA/WINTHROP
1E2-054	BRETTUNS POND	ME	44-23'30"N	70-15'00"W	7.5' CANTON/LIVERMORE
1E2-055	DUNDEE POND	ME	43-47'18"N	70-27'17"W	7.5' NORTH WINDHAM
1E2-056	PEABODY POND	ME	43-56'32"N	70-41'13"W	15' SEBAGO LAKE
1E2-057	CASSIDY DEADWATER	ME	45-58'38"N	69-37'34"W	15' NORTH EAST CARRY
1E2-058	CRESCENT POND	ME	46-25'34"N	69-36'35"W	15' ALLAGASH LAKE
1E2-059	WESTERN LAKE	ME	45-04'20"N	67-10'22"W	7.5' RED BEACH
1E2-060	WILEY POND	ME	46-00'04"N	68-32'26"W	15' SHIN POND/STACYVILLE
1E2-061	LILY BOG	ME	45-03'25"N	69-31'58"W	15' KINGSBURY
1E2-062	POLAND POND	ME	46-15'35"N	69-35'30"W	15' ALLAGASH LAKE/CAUCOMGOMOC LAKE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1E2-063	KALERS POND	ME	44-06'29"N	69-25'22"W	7.5' WALDOBORO WEST
1E2-065	TARKILL POND	ME	43-50'36"N	70-25'58"W	7.5' NORTH WINDHAM
1E2-067	JOE POND	ME	44-24'26"N	69-49'25"W	7.5' BELGRADE
1E2-069	(NO NAME)	ME	46-07'27"N	68-46'45"W	15' TRAVELER MTN.
1E2-070	TARBOX POND	ME	46-11'42"N	69-31'50"W	7.5' CAUCOMGOMOC LAKE
1E2-071	ROSS POND	ME	43-55'20"N	69-29'40"W	7.5' LOUDS ISLAND
1E2-073	(NO NAME)	ME	45-53'08"N	69-26'58"W	15' RAGGED LAKE
1E3-002	OTTER POND	ME	46-22'28"N	68-21'30"W	15' OXBOW
1E3-006	GLAZIER LAKE	ME	47-13'40"N	69-00'00"W	15' ALLAGASH/ST FRANCIS
1E3-007	WHEELOCK LAKE	ME	47-12'00"N	68-43'00"W	15' EAGLE LAKE
1E3-011	ST. FROID LAKE	ME	46-57'00"N	68-37'00"W	15' EAGLE LAKE/WINTERVILLE
1E3-012	DENNY POND	ME	46-56'45"N	68-52'15"W	15' FISH RIVER LAKE
1E3-013	FISH RIVER LAKE	ME	46-50'00"N	68-46'45"W	15' FISH RIVER LAKE/WINTERVILLE
1E3-014	DEPOT LAKE	ME	46-46'30"N	69-49'45"W	15' DEPOT LAKE
1E3-015	ROUND POND	ME	46-46'00"N	69-16'00"W	15' ROUND POND
1E3-018	MOUNTAIN POND	ME	46-33'30"N	69-00'40"W	15' MUSQUACOOK LAKES
1E3-022	NUMBER NINE LAKE	ME	46-25'00"N	68-03'00"W	15' HOWE BROOK
1E3-024	LITTLE INDIAN POND	ME	46-15'41"N	69-14'21"W	15' SPIDER LAKE
1E3-025	SPRING POND	ME	46-18'15"N	69-02'45"W	15' SPIDER LAKE
1E3-027	LITTLE LEADBETTER POND	ME	46-14'45"N	69-11'45"W	15' TELOS LAKE
1E3-030	LONG LAKE	ME	46-06'40"N	68-07'30"W	15' SMYRMA MILLS
1E3-031	PLEASANT LAKE	ME	46-01'30"N	68-10'00"W	15' SMYRMA MILLS
1E3-033	ROBERTS POND	ME	46-03'30"N	70-16'05"W	15' ST ZACHARIE
1E3-035	BURNHAM POND	ME	45-32'30"N	69-43'00"W	15' MOOSEHEAD LAKE
1E3-036	BALD MOUNTAIN POND	ME	45-15'00"N	69-44'00"W	15' GREENVILLE/KINGSBURY
1E3-038	BRANNS MILL POND	ME	45-06'30"N	69-10'00"W	15' DOVER-FOXCROFT
1E3-039	WEYMOUTH POND	ME	44-58'15"N	69-19'30"W	7.5' CORRINA
1E3-040	NOKOMIS POND	ME	44-52'15"N	69-18'00"W	7.5' NEWPORT/CORRINA
1E3-041	ROUND POND	ME	44-44'20"N	69-13'30"W	15' BROOKS/7.5'DIXMONT
1E3-042	SAND POND	ME	44-34'10"N	70-07'10"W	7.5' FARMINGTON FALLS

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1E3-044	MOSHER POND	ME	44-28'30"N	70-06'30"W	7.5' FAYETTE
1E3-045	MCCLURE POND	ME	44-29'00"N	68-57'50"W	7.5' SEARSPORT
1E3-046	LITTLE POND	ME	44-23'15"N	69-11'50"W	7.5' MORRILL
1E3-048	MOODY POND	ME	44-17'35"N	69-08'45"W	7.5' SEARSMONT
1E3-050	ALEWIFE POND	ME	43-26'15"N	70-36'15"W	15' KENNEBUNK
1E3-052	THREE MILE POND	ME	44-22'02"N	69-36'16"W	15' VASSALBORO
1E3-055	TOGUE POND	ME	46-56'02"N	68-53'31"W	15' FISH RIVER LAKE
1E3-056	SOPER POND	ME	46-22'28"N	69-13'47"W	15' SPIDER LAKE
1E3-057	SECOND CURRIER POND	ME	46-24'55"N	69-06'31"W	15' SPIDER LAKE
1E3-060	MILLINOCKET LAKE	ME	46-18'10"N	68-52'30"W	15' MILLINOCKET LAKE
1E3-062	CAIN POND	ME	44-29'32"N	68-58'03"W	7.5' SEARSPORT
1E3-065	CLISH POND	ME	46-01'09"N	70-15'30"W	15' ST ZACHARIE
1E3-067	TOM YOUNG POND	ME	45-45'44"N	69-35'28"W	15' NORTH EAST CARRY
1E3-068	SPAULDING LAKE	ME	46-06'24"N	68-06'15"W	15' SMYRNA MILLS
1E3-069	LONGFELLOW LAKE	ME	45-45'58"N	67-51'07"W	15' AMITY
1E3-070	MCLEAN LAKE	ME	47-06'25"N	68-52'15"W	15' ST FRANCIS
1E3-071	CARRY POND	ME	46-20'43"N	68-35'45"W	15' GRAND LAKE SEBOEIS
1E3-072	MORRELL POND	ME	46-12'54"N	68-48'13"W	15' TRAVELER MTN.
2A1-001	YODELER LAKE	MN	48-14'20"N	92-11'45"W	7.5' SHELL LAKE
2A1-002	LEGEND LAKE	MN	48-09'10"N	92-03'15"W	7.5' LAKE AGNES
2A1-003	LOUIS LAKE	MN	48-02'38"N	91-49'07"W	7.5' FOURTOWN LAKE
2A1-004	SLETTEN LAKE	MN	47-59'40"N	91-53'00"W	7.5' SHAGAWA LAKE
2A1-005	HAUNTED LAKE	MN	48-18'45"N	92-11'15"W	7.5' TAKUCMICH LAKE
2A1-006	BEARTRACK LAKE	MN	48-18'07"N	92-12'00"W	7.5' TAKUCMICH LAKE
2A1-008	RUBY LAKE	MN	48-13'45"N	92-10'20"W	7.5' SHELL LAKE
2A1-009	POSSE LAKE	MN	48-15'00"N	92-09'45"W	7.5' SHELL LAKE/TAKUCMICH LAKE
2A1-010	NIBIN LAKE	MN	48-10'45"N	91-59'00"W	7.5' IRON LAKE
2A1-011	BIG LAKE	MN	48-05'00"N	92-00'15"W	7.5' LAPOND LAKE/ANGLEWORM LAKE
2A1-012	FAIRY LAKE	MN	48-06'15"N	91-49'50"W	7.5' FOURTOWN LAKE
2A1-013	SERENADE LAKE	MN	48-03'15"N	92-09'00"W	7.5' BOOTLEG LAKE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2A1-014	AGASSA LAKE	MN	48-03'15"N	91-57'00"W	7.5' ANGLEWORM LAKE
2A1-015	HOPKINS LAKE	MN	48-04'07"N	91-53'00"W	7.5' ANGLEWORM LAKE
2A1-016	NISWI LAKE	MN	48-01'10"N	92-08'00"W	7.5' BOOTLEG LAKE
2A1-017	MEDLEY LAKE	MN	48-01'15"N	92-02'30"W	7.5' LAPOND LAKE
2A1-018	BUCK LAKE	MN	47-58'00"N	92-11'53"W	7.5' CHAD LAKE
2A1-019	HASSEL LAKE	MN	47-56'30"N	92-06'00"W	7.5' CRAB LAKE
2A1-020	GERALDINE LAKE	MN	47-57'50"N	92-00'45"W	7.5' CRAB LAKE
2A1-022	LOFT LAKE	MN	48-00'45"N	90-04'05"W	7.5' PINE LAKE EAST
2A1-023	CHESTER LAKE	MN	47-59'03"N	90-05'00"W	7.5' TOM LAKE
2A1-024	MAGIC LAKE	MN	47-53'20"N	90-57'15"W	7.5' KELSO MTN
2A1-025	ORIOLE LAKE	MN	47-54'45"N	90-55'30"W	7.5' KELSO MTN
2A1-026	KAWISHIWI LAKE	MN	47-50'35"N	91-06'30"W	7.5' KAWISHIWI LAKE
2A1-027	ELLA LAKE	MN	47-52'15"N	90-57'10"W	7.5' BETH LAKE
2A1-028	EUGENE LAKE	MN	48-18'30"N	92-13'10"W	7.5' TAKUCMICH LAKE
2A1-029	LUCKY FINN LAKE	MN	48-16'35"N	92-10'45"W	7.5' TAKUCMICH LAKE
2A1-030	HERITAGE LAKE	MN	48-13'30"N	92-12'45"W	7.5' SHELL LAKE
2A1-031	OYSTER LAKE	MN	48-13'30"N	92-06'00"W	7.5' LAKE AGNES
2A1-032	LAKE AGNES	MN	48-13'15"N	92-03'30"W	7.5' LAKE AGNES
2A1-033	RAMSHEAD LAKE	MN	48-10'45"N	92-06'30"W	7.5' LAKE AGNES
2A1-034	STUART LAKE	MN	48-11'15"N	92-00'15"W	7.5' LAKE AGNES/IRON LAKE
2A1-035	THIRD LAKE	MN	48-06'00"N	92-00'30"W	7.5' LAPOND LAKE
2A1-036	GREENWOOD LAKE	MN	48-00'00"N	90-10'45"W	7.5' PINE LAKE/NORTHERN LIGHT LAKES
2A1-037	KNIGHT LAKE	MN	47-52'30"N	91-01'10"W	7.5' LAKE POLLY/KAWISHIWI LAKE
2A1-038	HUNCH LAKE	MN	48-01'55"N	91-56'07"W	7.5' ANGLEWORM LAKE
2A1-039	PICKET LAKE	MN	48-01'48"N	91-50'45"W	7.5' FOURTOWN LAKE
2A1-040	RICE LAKE	MN	48-01'20"N	91-58'20"W	7.5' ANGLEWORM LAKE
2A1-041	TEE LAKE	MN	48-00'00"N	91-52'45"W	7.5' ANGLEWORM LAKE/SHAGAWA LAKE
2A1-042	SCHLAMM LAKE	MN	47-57'10"N	92-08'15"W	7.5' CHAD LAKE
2A1-043	LITTLE CRAB LAKE	MN	47-57'20"N	92-04'30"W	7.5' CRAB LAKE
2A1-044	CUMMINGS LAKE	MN	47-59'30"N	92-05'00"W	7.5' LAPOND LAKE/CRAB LAKE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2A1-045	SLIM LAKE	MN	48-17'40"N	92-15'00"W	7.5' SNOW BAY/TAKUCMICH LAKE
2A1-046	(NO NAME)	MN	48-15'40"N	92-09'50"W	7.5' TAKUCMICH LAKE
2A1-047	ANGLEWORM LAKE	MN	48-05'15"N	91-53'20"W	7.5' ANGLEWORM LAKE
2A1-048	BIG RICE LAKE	MN	48-01'45"N	92-01'30"W	7.5' LAPOND LAKE
2A1-049	PINE LAKE	MN	47-56'15"N	92-15'00"W	7.5' CHAD LAKE/SIOUX PINE ISLAND
2A1-050	BARTO LAKE	MN	47-54'45"N	90-57'30"W	7.5' KELSO MTN.
2A1-051	SHELL LAKE	MN	48-12'15"N	92-12'30"W	7.5' SHELL LAKE
2A1-053	OLE LAKE	MN	47-58'37"N	92-01'45"W	7.5' CRAB LAKE
2A1-054	GUN LAKE	MN	48-19'34"N	92-12'05"W	7.5' TAKUCMICH LAKE
2A1-055	SUNFISH LAKE	MN	47-59'30"N	90-09'15"W	7.5' NORTHERN LIGHT LAKE
2A1-056	LONGLEG LAKE	MN	47-54'50"N	90-56'37"W	7.5' KELSO MTN
2A1-057	HOOK LAKE	MN	48-01'12"N	91-59'15"W	7.5' ANGLEWORM LAKE
2A1-059	BOOTLEG LAKE	MN	48-02'30"N	92-11'50"W	7.5' BOOTLEG LAKE
2A1-060	MULE LAKE	MN	48-08'15"N	92-02'15"W	7.5' LAKE AGNES
2A2-001	SEAL LAKE	MN	48-02'15"N	90-43'13"W	7.5' GUNFLINT LAKE
2A2-002	BENCH LAKE	MN	48-03'20"N	90-14'15"W	7.5' PINE LAKE WEST
2A2-003	FUN LAKE	MN	48-00'10"N	90-44'20"W	7.5' GUNFLINT LAKE
2A2-004	HUMPBACK LAKE	MN	47-59'10"N	91-05'50"W	7.5' LAKE POLLY
2A2-005	SANDPIT LAKE	MN	48-02'20"N	91-47'30"W	7.5' FOURTOWN LAKE
2A2-007	ROUND LAKE	MN	48-08'40"N	91-42'45"W	7.5' BASSWOOD LAKE NW
2A2-008	FINSTAD LAKE	MN	48-05'00"N	92-26'35"W	7.5' PICKET LAKE
2A2-009	PEAR LAKE	MN	48-04'10"N	91-07'10"W	7.5' OGISHKEMUNCIE LAKE
2A2-010	SEAHORSE LAKE	MN	48-04'33"N	90-56'55"W	7.5' GILLIS LAKE
2A2-011	BURT LAKE	MN	48-00'35"N	90-48'35"W	7.5' LONG ISLAND LAKE
2A2-012	BECOOSIN LAKE	MN	47-56'53"N	91-23'36"W	7.5' SNOWBANK LAKE
2A2-013	AMBER LAKE	MN	47-57'15"N	91-11'00"W	7.5' ALICE LAKE
2A2-014	POE LAKE	MN	47-57'15"N	90-57'15"W	7.5' KELSO MTN.
2A2-015	FAMINE LAKE	MN	47-57'50"N	90-43'00"W	7.5' BRULE LAKE
2A2-016	VANCE LAKE	MN	47-57'47"N	90-35'52"W	7.5' EAGLE MTN
2A2-018	WEASEL LAKE	MN	47-53'47"N	91-31'00"W	7.5' OJIBWAY LAKE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2A2-019	WHIP LAKE	MN	47-55'10"N	90-41'45"W	7.5' BRULE LAKE
2A2-020	BALL CLUB LAKE	MN	47-54'46"N	90-29'37"W	7.5' EAGLE MTN/LIMA MTN
2A2-022	PHOSPOR LAKE	MN	47-50'07"N	91-29'07"W	15' FOREST CENTER/7.5' QUADGA LAKE
2A2-023	HORN LAKE	MN	47-51'13"N	90-47'37"W	7.5' SAWBILL CAMP
2A2-026	BAKEKANA LAKE	MN	48-02'55"N	91-09'15"W	7.5' KEKEKABIC LAKE
2A2-028	OWL LAKE	MN	48-02'25"N	90-54'30"W	7.5' GILLIS LAKE
2A2-029	(NO NAME)	MN	48-02'10"N	90-48'10"W	7.5' LONG ISLAND LAKE
2A2-031	TRAP LAKE	MN	48-01'40"N	90-21'45"W	7.5' CROCODILE LAKE
2A2-032	FAULT LAKE	MN	48-02'15"N	90-07'30"W	7.5' PINE LAKE WEST/PINE LAKE EAST
2A2-033	HOE LAKE	MN	48-01'00"N	91-03'45"W	7.5' OGISHKEMUNCIE LAKE
2A2-034	JAM LAKE	MN	48-01'07"N	90-58'00"W	7.5' GILLIS LAKE
2A2-035	KARL LAKE	MN	48-01'15"N	90-46'15"W	7.5' LONG ISLAND LAKE
2A2-036	FLICKER LAKE	MN	48-01'00"N	90-36'40"W	7.5' SOUTH LAKE
2A2-039	ZENITH LAKE	MN	47-56'50"N	90-54'45"W	7.5' KELSO MTN
2A2-040	JAVA LAKE	MN	47-56'00"N	90-52'30"W	7.5' KELSO MTN/CHEROKEE LAKE
2A2-043	HORSESHOE LAKE	MN	47'52'38"N	91-25'30"W	7.5' SNOWBANK LAKE/QUADGA LAKE
2A2-044	TROUT LAKE	MN	47-57'30"N	92-18'45"W	7.5' SOUIX PINE ISLAND/ASTRID LAKE
2A2-045	SAUNA LAKE	MN	48-08'35"N	91-44'37"W	7.5' BASSWOOD LAKE NW
2A2-046	BURNTSIDE LAKE	MN	47-55'45"N	92-00'00"W	7.5' CRAB LAKE/SHAGAWA LAKE
2A2-048	LOWER TROUT LAKE	MN	47-56'33"N	90-27'07"W	7.5' LIMA MTN
2A2-050	MCDIVITT LAKE	MN	48-30'53"N	92-44'30"W	7.5' KETTLE FALLS
2A2-052	BALD EAGLE LAKE	MN	47-49'55"N	91-33'15"W	7.5' GABBRO LAKE
2A2-053	WHIZ LAKE	MN	47-58'00"N	91-10'15"W	7.5' ALICE LAKE
2A2-054	GREEN LAKE	MN	48-04'12"N	90-54'00"W	7.5' GILLIS LAKE
2A2-055	BONITA LAKE	MN	48-00'37"N	90-59'30"W	7.5' GILLIS LAKE
2A2-057	MALBERG LAKE	MN	47-57'03"N	91-08'07"W	7.5' ALICE LAKE/LAKE POLLY
2A2-058	MEAT LAKE	MN	47-55'07"N	92-05'48"W	7.5' CRAB LAKE
2A2-059	JORGENS LAKE	MN	48-29'04"N	92-50'45"W	7.5' ASH RIVER NE
2A2-061	TURTLE LAKE	MN	47-51'15"N	91-33'08"W	7.5' GABBRO LAKE
2A2-062	RAGGED LAKE	MN	48-00'32"N	90-51'30"W	7.5' LONG ISLAND LAKE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2A3-002	COOK COUNTY LAKE	MN	48-06'05"N	91-02'05"W	7.5' OGISHKEMUNCIE LAKE
2A3-004	WARD LAKE	MN	47-42'55"N	90-37'59"W	7.5' LUTSEN
2A3-005	FRANKLIN LAKE	MN	48-18'00"N	92-37'00"W	7.5' JOHNSON LAKE
2A3-006	(NO NAME)	MN	48-09'00"N	90-56'40"W	7.5' MUNKER ISLAND
2A3-007	ELUSION LAKE	MN	48-05'24"N	90-55'15"W	7.5' GILLIS LAKE
2A3-008	TRIDENT LAKE	MN	48-03'10"N	91-21'20"W	7.5' ENSIGN LAKE SE
2A3-009	CARIBOU LAKE	MN	48-04'15"N	90-18'45"W	7.5' CROCODILE LAKE
2A3-010	HARMONY LAKE	MN	48-00'10"N	91-13'07"W	7.5' KEKEKABIC LAKE
2A3-011	TAMARACK LAKE	MN	47-53'30"N	92-06'30"W	7.5' CRAB LAKE
2A3-012	WOLF LAKE	MN	47-53'00"N	92-01'30"W	7.5' CRAB LAKE
2A3-013	PURVI[illegible] LAKE	MN	47-49'30"N	92-00'30"W	7.5' EAGLES NEST
2A3-015	SOCK [illegible]AKE	MN	47-44'50"N	92-00'40"W	7.5' ISAAC LAKE
2A3-016	JOHNSON LAKE	MN	47-42'15"N	93-05'50"W	7.5' SIDE LAKE
2A3-020	JAMMER LAKE	MN	47-39'25"N	92-36'30"W	7.5' BRITT
2A3-024	BLUEBILL LAKE	MN	47-35'53"N	91-12'16"W	7.5' CABIN LAKE
2A3-032	HAR[illegible]EY LAKE	MN	47-23'30"N	92-31'20"W	7.5' EVELETH
2A3-034	MOOSE LAKE	MN	48-18'50"N	92-41'15"W	7.5' MARION LAKE
2A3-035	SEA GULL LAKE	MN	48-07'30"N	90-56'15"W	7.5' MUNKERS ISLAND/GILLIS LAKE
2A3-036	OGISHKEMUNCIE LAKE	MN	48-05'15"N	91-04'30"W	7.5' OGISHKEMUNCIE LAKE
2A3-037	WEST PIKE LAKE	MN	48-05'15"N	90-12'15"W	7.5' PINE LAKE WEST
2A3-040	BEAR ISLAND LAKE	MN	47-46'15"N	92-00'00"W	7.5' EAGLES NEST/BEAR ISLAND
2A3-041	PLACID LAKE	MN	47-47'45"N	91-14'58"W	7.5' PERENT LAKE
2A3-043	ECHO LAKE	MN	48-10'30"N	92-28'30"W	7.5' ECHO LAKE/KABUSTASA LAKE
2A3-044	MOOSE LAKE	MN	48-00'00"N	91-30'00"W	7.5' SNOWBANK L/OJIBWAY L./ENSIGN L. SW
2A3-045	BULGE LAKE	MN	47-47'27"N	90-45'48"W	7.5' SAWBILL CAMP
2A3-046	TWO DEER LAKE	MN	47-41'15"N	91-34'25"W	7.5' SLATE LAKE EAST
2A3-052	SMALL LAKE	MN	47-46'25"N	91-13'50"W	7.5' PERENT LAKE
2A3-053	CAVITY LAKE	MN	48-05'52"N	90-59'45"W	7.5' GILLIS LAKE
2A3-054	GATE LAKE	MN	47-41'00"N	92-41'30"W	7.5' IDINGTON
2A3-055	MOSS LAKE	MN	48-04'00"N	90-28'30"W	7.5' HUNGRY JACK LAKE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2A3-057	DEEPWATER LAKE	MN	47-37'15"N	92-49'30"W	7.5' DEWEY LAKE SE
2A3-058	BOYS LAKE	MN	47-52'25"N	90-13'11"W	7.5' KADUNCE RIVER/NORTHERN LIGHT LAKE
2A3-061	RAINY LAKE	MN	48-34'30"N	92-54'00"W	INTERNATIONAL FALLS (1:250,000)
2A3-062	FALLS LAKES (NORTHERN)	MN	47-44'25"N	92-10'45"W	7.5' EMBARRASS
2A3-064	MAJESTIC LAKE	MN	47-27'35"N	92-37'42"W	7.5' KIRK
2A3-068	AMBUSH LAKE	MN	48-10'22"N	90-51'38"W	7.5' CONNERS ISLAND
2A3-069	SNOWBANK LAKE	MN	48-00'00"N	91-25'00"W	7.5' ENSIGN LAKE SW/SNOWBANK LAKE
2A3-070	PICKEREL LAKE	MN	47-55'07"N	91-40'00"W	7.5' FARM LAKE
2A3-074	RIDGEPOLE LAKE	MN	47-32'45"N	91-43'00"W	7.5' GREENWOOD LAKE WEST
2A3-076	STUART LAKE	MN	47-33'50"N	93-02'50"W	7.5' STINGY LAKE
2A3-077	BEDFORD LAKE	MN	48-03'13"N	91-15'36"W	7.5' ENSIGN LAKE SE
2A3-078	MOOSE LAKE	MN	47-33'41"N	91-08'00"W	7.5' CABIN LAKE
2A3-079	CORNER LAKE	MN	48-16'55"N	92-46'45"W	7.5' ASH RIVER SE
2A3-080	WEST TWO RIVER RES	MN	47-28'48"N	92-39'30"W	7.5' KINNEY/KIRK
2A3-081	(NO NAME)	MN	47-29'40"N	92-36'30"W	7.5' EVELETH
2A3-082	DIX LAKE	MN	48-04'15"N	91-14'00"W	7.5' KEKEKABIC LAKE
2A3-083	BUCKSHOT LAKE	MN	47-53'48"N	92-08'53"W	7.5' CHAD LAKE
2A3-085	PARTRIDGE LAKE	MN	48-05'03"N	90-29'15"W	7.5' HUNGRY JACK LAKE/SOUTH LAKE
2B1-005	LOON LAKE	WI	46-34'15"N	91-18'45"W	15' IRON LAKE
2B1-008	TWIN LAKES (SOUTHERN)	WI	46-33'00"N	91-16"30"W	15' IRON LAKE
2B1-010	ISLAND LAKE	WI	46-32'18"N	91-18'20"W	15' IRON LAKE
2B1-011	WANOKA LAKE	WI	46-32'43"N	91-16'55"W	15' IRON LAKE
2B1-012	FINGER LAKE	WI	46-30'45'N	91-16'10"W	15' IRON LAKE
2B1-013	LESTER LAKE	WI	46-30'00"N	91-18'20"W	15' IRON LAKE/7.5' DELTA
2B1-015	PHANTOM LAKE	WI	46-29'30"N	91-17'45"W	7.5' DELTA
2B1-016	DEEP LAKE	WI	46-29'37"N	91-14'30"W	7.5' GRAND VIEW
2B1-019	SAWMILL LAKE	WI	46-28'50"N	91-14'45"W	7.5' GRAND VIEW
2B1-020	PERCH LAKE	WI	46-47'45"N	91-05'40"W	7.5' CORNUCOPIA
2B1-022	TWIN LAKES (EASTERN)	WI	46-41'06"N	91-03'30"W	7.5' MT VALHALLA
2B1-023	LONG LAKE	WI	46-39'43"N	91-03'15"W	7.5' MT VALHALLA

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2B1-029	MARKEY LAKE	MI	46-34'22"N	88-46'55"W	7.5' ECHO LAKE
2B1-031	ESTES LAKE	MI	46-33'31"N	88-45'18"W	7.5' ECHO LAKE
2B1-034	TEAL LAKE	MI	46-33'57"N	86-05'33"W	7.5' AU SABLE POINT SE
2B1-035	LAKE NITA	MI	46-33'00"N	86-03'51"W	7.5' AU SABLE POINT SE
2B1-036	NUGENT LAKE	MI	46-31'42"N	86-11'38"W	7.5' AU SABLE POINT SW
2B1-037	WISE LAKE	MI	46-31'35"N	86-10'23"W	7.5' AU SABLE POINT SW
2B1-038	(NO NAME)	MI	46-30'42"N	86-09'10"W	7.5' AU SABLE POINT SW
2B1-039	WEST BRANCH LAKES (SW)	MI	46-30'38"N	86-06'18"W	7.5' AU SABLE POINT SE
2B1-040	WEST BRANCH LAKES (SE)	MI	46-30'44"N	86-05'46"W	7.5' AU SABLE POINT SE
2B1-041	TRIANGLE LAKE	MI	46-31'48"N	86-05'37"W	7.5' AU SABLE POINT SE
2B1-042	LONG LAKE	MI	46-30'08"N	86-05'17"W	7.5' AU SABLE POINT SE
2B1-043	OWL LAKE	MI	46-30'24"N	86-04'20"W	7.5' AU SABLE POINT SE
2B1-044	SPRUCE LAKE	MI	46-31'03"N	86-04'00"W	7.5' AU SABLE POINT SE
2B1-046	SPRING LAKE	MI	46-29'37"N	86-06'59"W	7.5' SUNKEN LAKE
2B1-047	JOHNSON LAKE	MI	46-25'30"N	85-02'38"W	7.5' PIATT LAKE
2B1-048	MCNEARNEY LAKE	MI	46-25'35"N	84-57'30"W	7.5' MC NEARNEY LAKE
2B1-050	SOLDIER LAKE	MI	46-20'57"N	84-51'59"W	7.5' SULLIVAN CREEK
2B1-052	PECK AND RYE LAKE	MI	46-23'50"N	84-58'00"W	7.5' MC NEARNEY LAKE
2B1-055	DEADMAN LAKE	MI	46-32'41"N	86-03'00"W	7.5' AU SABLE POINT SE
2B1-057	HAY LAKE	WI	46-28'46"N	91-17'09"W	7.5' DELTA
2B1-060	CLYDE LAKE	MI	46-32'30"N	86-10'00"W	7.5' AU SABLE POINT SW
2B1-061	GOPHER LAKE	MI	46-31'12"N	86-03'30"W	7.5' AU SABLE POINT SE
2B1-063	FULLER LAKE	MI	46-35'15"N	88-47'05"W	7.5' ECHO LAKE
2B1-064	MALLARD LAKE	MI	46-33'51"N	86-06'36"W	7.5' AU SABLE POINT SE
2B1-065	PENEGOR LAKE	MI	46-36'55"N	88-51'36"W	7.5' ECHO LAKE
2B1-066	LAMBERT LAKE	MI	46-30'33"N	86-05'08"W	7.5' AU SABLE POINT SE
2B1-067	SPIDER LAKE	WI	46-32'40"N	91-13'44"W	7.5' INO
2B1-068	EWATT LAKE	MI	46-33'00"N	86-10'48"W	7.5' AU SABLE POINT SW
2B1-070	BEAR LAKE	WI	46-29'29"N	91-18'11"W	7.5' DELTA
2B2-001	CANTHOOK LAKE	WI	46-28'22"N	91-21'20"W	7.5' DELTA

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2B2-004	WRIGHT LAKE	WI	46-31'15"N	91-28'45"W	15' IRON LAKE
2B2-005	LAKE RUTH	WI	46-30'15"N	91-25'30"W	15' IRON LAKE/7.5' DRUMMOND NW
2B2-007	TOIVOLA LAKES (WEST)	MI	46-59'14"N	88-48'01"W	7.5' DONKEN
2B2-008	HALL LAKE	MI	46-59'40"N	88-45'34"W	7.5' DONKEN
2B2-009	DONKEN LAKE	MI	46-55'53"N	88-47'58"W	7.5' DONKEN
2B2-010	(NO NAME)	MI	46-52'29"N	88-52'07"W	7.5' DONKEN/NISULA
2B2-012	(NO NAME)	MI	46-50'32"N	88-52'10"W	7.5' NISULA
2B2-016	KING LAKE	MI	46-31'14"N	88-24'30"W	15' HERMAN
2B2-018	(NO NAME)	MI	46-39'51"N	88-09'37"W	15' MICHIGAMME
2B2-019	SECTION 5 LAKE	MI	46-40'14"N	88-05'05"W	15' MICHIGAMME
2B2-020	LAKE GORDON	MI	46-41'53"N	88-02'16"W	15' MICHIGAMME
2B2-021	WHITE DEER LAKE	MI	46-40'30"N	88-00'00"W	15' MICHIGAMME/CHAMPION
2B2-024	(NO NAME)	MI	46-38'05"N	88-12'32"W	15' MICHIGAMME
2B2-026	CLAIR LAKE	MI	46-37'32"N	88-11'25"W	15' MICHIGAMME/7.5' THREE LAKES
2B2-029	LITTLE WHITE GOAT LAKE	MI	46-35'56"N	88-04'16"W	7.5' MICHIGAMME
2B2-031	DISHNO LAKE	MI	46-37'30"N	87-55'53"W	15' CHAMPION/7.5' CHAMPION
2B2-032	(NO NAME)	MI	46-35'15"N	88-09'00"W	7.5' THREE LAKES
2B2-033	LOG LAKE	MI	46-35'15"N	87-55'45"W	7.5' CHAMPION
2B2-034	LAKE EVA	MI	47-01'15"N	88-45'52"W	7.5' GRAVERAET RIVER
2B2-038	OTTER LAKE	MI	46-35'45"N	85-39'32"W	7.5' MUSKALLONGE LAKE SW
2B2-041	SLEEPER LAKE	MI	46-30'33"N	85-33'07"W	7.5' MUSKALLONGE LAKE SE
2B2-043	BASS LAKE	MI	46-27'50"N	85-43'00"W	7.5' BUCKEYE LAKE
2B2-044	QUINLAN LAKE	MI	46-25'39"N	85-46'31"W	7.5' TAHQUAMENON LAKES
2B2-049	CRANBERRY LAKE	MI	46-27'06"N	86-11'02"W	7.5' DRIGGS LAKE
2B2-051	DEADMANS LAKE	MI	46-26'26"N	85-41'47"W	7.5' BUCKEYE LAKE
2B2-052	(NO NAME)	MI	46-36'49"N	88-15'16"W	15' HERMAN
2B2-053	VAN LAKE	MI	46-35'55"N	88-13'35"W	7.5' THREE LAKES
2B2-054	(NO NAME)	MI	46-39'37"N	88-12'00"W	15' MICHIGAMME
2B2-055	(NO NAME)	MI	46-28'05"N	86-11'30"W	7.5' DRIGGS LAKE
2B2-060	(NO NAME)	MI	46-55'19"N	88-48'30"W	7.5' DONKEN

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2B2-061	(NO NAME)	MI	46-35'38"N	88-08'30"W	7.5' THREE LAKES
2B2-062	PEANUT LAKE	MI	46-26'39"N	85-43'28"W	7.5' BUCKEYE LAKE
2B2-063	BIG BEAR LAKE	MI	46-37'54"N	88-04'55"W	15' MICHIGAMME
2B2-064	(NO NAME)	MI	46-35'09"N	87-57'27"W	7.5' CHAMPION
2B2-065	HASSCIB LAKE	MI	46-37'56"N	88-01'25"W	15' MICHIGAMME
2B2-066	UPPER BARAGA LAKE	MI	46-40'52"N	88-01'57"W	15' MICHIGAMME
2B2-067	CROOKED LAKE	MI	46-36'11"N	88-09'21"W	7.5' THREE LAKES
2B2-070	PRETTY LAKE	MI	46-36'05"N	85-39'37"W	7.5' MUSKALLONGE LAKE SW
2B2-074	ROGER LAKE	WI	46-31'34"N	91-25'24"W	15' IRON LAKE
2B2-075	RICHARDSON LAKE	WI	46-32'22"N	91-27'51"W	15' IRON LAKE
2B2-076	BEAVERTOWN LAKES (LG.MID)	MI	46-34'18"N	85-44'20"W	7.5' MUSKALLONGE LAKE SW
2B2-077	MULLENHOFF LAKE	WI	46-32'14"N	91-24'08"W	15' IRON LAKE
2B2-078	BOHMIER LAKE	MI	46-50'05"N	88-52'47"W	7.5' WINONA SOUTH
2B2-079	PINE LAKE	MI	46-58'57"N	88-43'07"W	15' PELKIE
2B2-082	(NO NAME)	MI	46-51'41"N	88-50'48"W	7.5' NISULA
2B2-083	FAWN LAKE	MI	46-30'02"N	86-17'49"W	15' SHINGLETON/7.5' TRAPPERS LAKE
2B2-084	CORNER LAKE	MI	46-40'50"N	88-04'30"W	15' MICHIGAMME
2B2-087	(NO NAME)	MI	46-31'53"N	85-36'07"W	7.5' MUSKALLONGE LAKE SE
2B2-088	STONINGTON LAKE	MI	46-57'47"N	88-47'10"W	7.5' DONKEN
2B2-090	ELEVENMILE LAKE	MI	47-00'57"N	88-42'30"W	7.5' SOUTH RANGE
2B2-091	DEER LAKE	MI	46'30'25"N	86-14'35"W	7.5' AU SABLE POINT SW
2B2-095	EVERGREEN LAKE	MI	46-42'39"N	88-02'09"W	15' MICHIGAMME
2B2-097	LAKE RAYMOND	MI	46-39'38"N	87-58'25"W	15' CHAMPION
2B2-098	DELENE LAKE	MI	46-32'29"N	88-24'19"W	15' HERMAN
2B2-099	HAPPLES LAKE	WI	46-28'49"N	91-22'08"W	7.5' DELTA
2B2-100	HERBERT LAKE	MI	46-39'00"N	88-06'25"W	15' MICHIGAMME
2B3-001	LAKE THERESA	MI	48-02'05"N	88-37'50"W	15' ISLE ROYALE MAP
2B3-003	DEER LAKE	MI	47-21'15"N	88-02'15"W	7.5' DEER LAKE
2B3-004	CLIFF LAKE	MI	46-50'54"N	87-58'24"W	15' HURON MTN
2B3-005	LOST LAKE	MI	46-44'03"N	88-21'42"W	15' HERMAN

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude		Map scale/name
2B3-007	ISLAND LAKE	MI	46-40'18"N	87-47'10"W	15'	CHAMPION
2B3-008	SECTION FOUR LAKE	MI	46-40'26"N	85-18'15"W	7.5'	BETSY LAKE NORTH
2B3-009	GRAND SABLE LAKE	MI	46-38'15"N	86-02'30"W	7.5'	GRAND SABLE LAKE/AU SABLE POINT SE
2B3-012	ROUND LAKE	MI	46-33'24"N	87-56'52"W	7.5'	CHAMPION
2B3-013	FOX LAKE	MI	46-35'32"N	86-02'04"W	7.5'	AU SABLE POINT SE
2B3-014	LAURIE LAKES (SE)	MI	46-35'49"N	85-04'30"W	7.5'	EMERSON
2B3-016	BASS LAKE	MI	46-31'44"N	88-08'33"W	7.5'	THREE LAKES
2B3-018	EAST LAKE	MI	46-31'53"N	85-59'20"W	7.5'	NAWAKWA LAKE
2B3-020	BUTO LAKE	MI	46-26'44"N	87-59'45"W	7.5'	REPUBLIC
2B3-022	LONG LAKE	MI	46-27'28"N	85-49'02"W	7.5'	TAHQUAMENON LAKES
2B3-023	BONE LAKE	MI	46-22'30"N	88-18'22"W	15'	NED LAKE
2B3-027	CASEY LAKE	MI	46-17'20"N	87-55'00"W	7.5'	REPUBLIC SW
2B3-028	CATARACT BASIN	MI	46-18'50"N	87-31'00"W	15'	ISHPEMING
2B3-030	ISLAND LAKE	MI	46-16'05"N	86-38'51"W	15'	MUNSING
2B3-031	TWIN LAKES	MI	46-18'29"N	85-32'00"W	7.5'	NEWBERRY
2B3-032	ANDERSON LAKE	MI	46-13'22"N	87-29'30"W	15'	WATSON
2B3-034	KLONDIKE LAKE	MI	46-13'18"N	86-30'10"W	15'	STUBEN/CORNER LAKE
2B3-035	NELSON LAKE	MI	46-13'42"N	85-22'50"W	7.5'	GILCHRIST
2B3-036	DAM LAKE	MI	46-10'57"N	86-43'15"W	15'	CORNER LAKE
2B3-037	RUMBLE LAKE	MI	46-11'00"N	86-33'33"W	15'	CORNER LAKE
2B3-039	STROUBLE LAKE	MI	46-08'50"N	85-11'45"W	7.5'	REXTON
2B3-042	PEACOCK LAKE	MI	46-04'42"N	86-47'58"W	15'	TRENARY
2B3-043	CLEAR SLOUGH	MI	46-02'25"N	86-12'30"W	7.5'	SMITH LAKE
2B3-049	TIGHE LAKE	MI	45-54'28"N	86-26'58"W	15'	COOKS
2B3-051	JOHNS LAKES (WESTERN)	MI	46-31'50"N	85-54'16"W	7.5'	NAWAKWA LAKE
2B3-052	FRENCHMANS LAKE	MI	46-21'42"N	85-21'00"W	7.5'	SOO JUNCTION
2B3-054	STUMP LAKE	MI	46-18'55"N	87-23'38"W	7.5'	GWINN
2B3-055	(NO NAME)	MI	46-15'52"N	86-39'37"W	15'	MUNISING
2B3-056	PINERY LAKES (LARGEST)	MI	46-46'03"N	88-23'30"W	15'	KEWEENAW BAY
2B3-057	TWIN LAKE	MI	46-27'50"N	87-59'57"W	7.5'	WITCH LAKE NE/REPUBLIC

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2B3-058	LAKE ANNIE	MI	47-10'39"N	88-35'25"W	7.5' HANCOCK
2B3-059	SPRING LAKE	MI	46-05'38"N	86-32'16"W	15' CORNER LAKE
2B3-060	BOG LAKE	WI	46-29'47"N	91-19'38"W	7.5' DELTA
2B3-061	GRASS LAKE	MI	46-14'17"N	85-23'28"W	7.5' GILCHRIST
2B3-062	MUD LAKE	MI	46-16'38"N	84-30'08"W	7.5' KINROSS
2B3-067	(NO NAME)	MI	47-55'15"N	88-59'00"W	15' ISLE ROYALE MAP
2B3-069	ROSS LAKE	MI	46-28'50"N	86-15'30"W	15' SHINGLETON/7.5' DRIGGS LAKE
2B3-070	MICHIGAMME BASIN	MI	46-23'36"N	87-59'19"W	7.5' REPUBLIC
2B3-071	OSTRANDER LAKE	MI	46-10'05"N	86-36'43"W	15' CORNER LAKE
2B3-072	STUART LAKE	MI	46-11'53"N	85-51'10"W	7.5' CURTIS WEST
2B3-075	CAMP 10 LAKE	MI	46-40'55"N	88-09'30"W	15' MICHIGAMME
2B3-076	SWAMP LKS.(LG.EAST)	MI	46-36'20"N	85-23'39"W	7.5' BETSY LAKE SW
2B3-077	MCDONALD LAKE	MI	45-59'00"N	85-58'28"W	7.5' SEUL CHOIX POINT
2B3-079	NELLIGAN LAKE	MI	46-33'50"N	88-08'07"W	7.5' THREE RIVERS
2C1-001	BALCOMB LAKE	MI	46-23'02"N	88-57'15"W	7.5' KENTON
2C1-003	TINSEL LAKE	MI	46-21'40"N	88-58'55"W	7.5' LAKE MITIGWAKI
2C1-004	FOREST LAKE	MI	46-19'35"N	88-57'05"W	7.5' LAKE MITIGWAKI
2C1-005	ROBINSON LAKE	MI	46-21'20"N	88-55'00"W	7.5' LAKE MITIGWAKI
2C1-007	JOHN LAKE	WI	46-13'45"N	89-38'55"W	7.5' PRESQUE ISLE
2C1-008	RUSSET LAKE	WI	46-11'50"N	89-36'30"W	7.5' TENDERFOOT LAKE
2C1-010	ISHKOTE LAKE	MI	46-07'25"N	88-59'30"W	7.5' SMOKY LAKE
2C1-011	WARVET LAKE	WI	46-05'15"N	89-07'05"W	7.5' PHELPS
2C1-013	OSCEOLA LAKE	WI	46-07'32"N	89-19'02"W	7.5' BLACK OAK LAKE/STORMY LAKE
2C1-014	LAKE PLEASANT	WI	46-06'05"N	89-13'35"W	7.5' PIONEER LAKE
2C1-015	TORCH LAKE	WI	46-01'25"N	89-16'30"W	7.5' STORMY LAKE
2C1-016	HONEYSUCKLE LAKE	WI	45-57'45"N	89-21'35"W	7.5' EAGLE RIVER WEST
2C1-017	EDITH LAKE	WI	46-05'15"N	89-42'25"W	7.5' BOULDER JUNCTION
2C1-018	LITTLE JOHN JR LAKE	WI	46-00'15"N	89-38'20"W	7.5' BOULDER JUNCTION
2C1-019	FIREFLY LAKE	WI	45-59'57"N	89-38'00"W	7.5' BOULDER JUNCTION/WOODRUFF
2C1-020	TOWANDA LAKE	WI	45-56'30"N	89-42'30"W	7.5' WOODRUFF

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2C1-021	SUNDAY LAKE	WI	45-53'25"N	89-51'20"W	7.5' FENCE LAKE
2C1-024	EAGLE LAKE	WI	46-01'55"N	89-49'35"W	7.5' MANITOWISH LAKE
2C1-025	WISHOW LAKE	WI	45-57'20"N	89-47'30"W	7.5' FENCE LAKE
2C1-026	CHICKAREE LAKE	WI	45-54'25"N	89-21'30"W	7.5' EAGLE RIVER WEST
2C1-027	LITTLE BASS LAKE	WI	45-51'45"N	89-36'40"W	7.5' LAKE TOMAHAWK
2C1-028	ALICE LAKE	WI	45-48'10"N	89-44'00"W	7.5' HAZELHURST
2C1-029	MCGRATH LAKE	WI	45-47'30"N	89-38'40"W	7.5' HAZELHURST
2C1-030	GARTH LAKE	WI	45-45'45"N	89-45'00"W	7.5' HAZELHURST/MERCER LAKE
2C1-031	MUSKIE LAKE	WI	45-44'00"N	89-38'15"W	7.5' HARSHAW
2C1-032	ALVA LAKE	WI	45-42'30"N	89-35'35"W	7.5' MC NAUGHTON
2C1-033	BOBS LAKE	WI	45-41'48"N	89-32'05"W	7.5' MC NAUGHTON
2C1-034	WILDWOOD LAKE	WI	45-41'00"N	89-27'50"W	7.5' RHINELANDER
2C1-035	PRUNE LAKE	WI	45-37'20"N	89-30'20"W	7.5' WOODBORO/MC NAUGHTON
2C1-037	SQUASH LAKE	WI	45-36'00"N	89-33'00"W	7.5' WOODBORO
2C1-038	BUCK LAKE	WI	45-35'30"N	89-25'00"W	7.5' LAKE JULIA
2C1-039	(NO NAME)	WI	45-29'20"N	89-25'30"W	7.5' PARRISH
2C1-040	LAKE DORIS	WI	45-26'25"N	89-29'10"W	7.5' PARRISH
2C1-042	HIGH LAKE	WI	45-25'30"N	89-32'00"W	7.5' HARRISON
2C1-043	SEVEN ISLAND LAKE	WI	45-25'30"N	89-28'00"W	7.5' PARRISH
2C1-044	(NO NAME)	WI	45-25'15"N	89-22'10"W	7.5' ENTERPRISE
2C1-045	BIRCH LAKE	WI	45-21'35"N	89-13'20"W	7.5' KEMPSTER
2C1-046	PARTRIDGE LAKE	WI	45-20'45"N	89-16'30"W	7.5' BAVARIA
2C1-047	SNAG LAKE	WI	45-19'20"N	89-13'10"W	7.5' KEMPSTER
2C1-049	BORTH LAKE	WI	45-17'00"N	89-10'07"W	7.5' KEMPSTER
2C1-050	VENTOR LAKE	WI	45-18'40"N	89-02'55"W	7.5' PEARSON
2C1-051	NEWBOLD LAKE	WI	45-42'23"N	89-33'12"W	7.5' MC NAUGHTON
2C1-053	PLYMOUTH LAKE	WI	46-02'26"N	88-59'21"W	7.5' SMOKY LAKE
2C1-054	PERCH LAKE	WI	46-08'46"N	89-15'00"W	7.5' BLACK OAK LAKE/LAND O' LAKES
2C1-055	GROSS LAKE	WI	45-34'43"N	89-26'05"W	7.5' LAKE JULIA
2C1-056	RUDOLPH LAKE	WI	46-12'30"N	89-39'33"W	7.5' PRESQUE ISLE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2C1-057	CASTLE LAKE	MI	46-18'56"N	89-04'27"W	7.5' FULLER
2C1-058	GAME LAKE	WI	45-19'12"N	89-05'25"W	7.5' PEARSON
2C1-059	(NO NAME)	WI	46-01'22"N	89-42'39"W	7.5' BOULDER JUNCTION
2C1-060	MILLER LAKE	WI	45-49'14"N	89-36'11"W	7.5' LAKE TOMAHAWK
2C2-001	HEART LAKE	MI	46-21'20"N	89-44'45"W	7.5' HARRIS LAKE/STATELINE LAKE
2C2-002	HONEYSUCKLE LAKE	MI	46-16'12"N	89-43'32"W	7.5' STATELINE LAKE
2C2-003	MINONK LAKE	WI	46-15'00"N	89-46'20"W	7.5' HARRIS LAKE/PAPOOSE LAKE
2C2-004	HORSEHEAD LAKE	WI	46-14'00"N	89-43'00"W	7.5' PRESQUE ISLE
2C2-005	CARLIN LAKE	WI	46-12'00"N	89-46'35"W	7.5' PAPOOSE LAKE
2C2-006	NOSEEUM LAKE	WI	46-11'20"N	89-49'15"W	7.5' PAPOOSE LAKE
2C2-007	(NO NAME)	WI	46-09'55"N	89-45'35"W	7.5' PAPOOSE LAKE
2C2-008	MARION LAKE	MI	46-15'52"N	89-05'15"W	7.5' FULLER
2C2-010	HILLTOP LAKE	MI	46-14'22"N	89-14'00"W	7.5' LAND O' LAKES
2C2-011	ALLEN LAKE	MI	46-13'30"N	89-10'25"W	7.5' LAND O' LAKES
2C2-012	OPAL LAKE	MI	46-15'00"N	89-07'45"W	7.5' WATERSMEET/LAND O' LAKES
2C2-013	TAYLOR LAKE	MI	46-14'55"N	89-02'30"W	7.5' IMP LAKE/FULLER
2C2-014	BIG DONAHUE LAKE	WI	46-10'16"N	89-18'47"W	7.5' BLACK OAK LAKE
2C2-015	MARSH LAKE	MI	46-11'20"N	89-15'00"W	7.5' BLACK OAK LAKE/LAND O' LAKES
2C2-016	GUDEGAST LAKE	MI	46-10'08"N	89-09'27"W	7.5' LAND O' LAKES
2C2-017	DINNER LAKE	MI	46-12'00"N	89-08'00"W	7.5' LAND O' LAKES
2C2-018	SIME LAKE	WI	46-09'30"N	89-31'15"W	7.5' TENDERFOOT LAKE
2C2-019	NELLIE LAKE	WI	46-05'45"N	89-35'00"W	7.5' WHITE SAND LAKE
2C2-020	WHITE BIRCH LAKE	WI	46-03'45"N	89-31'25"W	7.5' WHITE SAND LAKE
2C2-021	STARRETT LAKE	WI	46-01'40"N	89-34'25"W	7.5' WHITE SAND LAKE
2C2-022	TOWER LAKE	WI	46-07'32"N	89-26'15"W	7.5' STAR LAKE/THOUSAND ISLAND LAKE
2C2-024	STONE LAKE	WI	46-01'30"N	90-07'15"W	7.5' WILSON LAKE/TURTLE FLAMBEAU FLOWAGE
2C2-025	CHARNLEY LAKE	WI	46-01'15"N	90-09'00"W	7.5' TURTLE FLAMBEAU FLOWAGE
2C2-026	CAP HENRY LAKE	WI	46-00'45"N	90-01'15"W	7.5' WILSON LAKE
2C2-028	LONG INTERLAKEN LAKE	WI	45-57'45"N	89-54'00"W	7.5' LAC DU FLAMBEAU
2C2-029	(NO NAME)	WI	45-56'05"N	89-54'55"W	7.5' LAC DU FLAMBEAU

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2C2-030	KASOMO LAKE	WI	45-57'05"N	89-31'50"W	7.5' SAYNER
2C2-031	MUSKELLUNGE LAKE	WI	45-57'00"N	89-22'45"W	7.5' ST GERMAIN/EAGLE RIVER WEST
2C2-032	BRAGONIER LAKE	WI	45-54'30"N	89-24'20"W	7.5' ST GERMAIN
2C2-033	RAINBOW FLOWAGE (S. END)	WI	45-49'30"N	89-29'15"W	7.5' DAM LAKE
2C2-034	LONG LAKE (NORTH END)	WI	45-47'37"N	89-29'35"W	7.5' DAM LAKE
2C2-035	MILL LAKE	WI	45-48'00"N	89-19'30"W	7.5' SUGAR CAMP
2C2-036	LITTLE SPIDER LAKE	WI	45-45'40"N	89-25'55"W	7.5' DAM LAKE
2C2-037	LOST LAKE	WI	45-45'05"N	89-24'40"W	7.5' DAM LAKE/RHINELANDER
2C2-038	LOST LAKE	WI	45-46'10"N	89-19'10"W	7.5' SUGAR CAMP
2C2-039	BASS LAKE	WI	45-42'55"N	89-23'05"W	7.5' RHINELANDER
2C2-040	LAKE MARIE	WI	45-47'20"N	89-54'35"W	7.5' LAC DU FLAMBEAU SW
2C2-041	TAYLOR LAKE	WI	45-54'30"N	89-12'55"W	7.5' EAGLE RIVER EAST
2C2-042	MUD MINNOW LAKE	WI	45-52'45"N	89-15'30"W	7.5' EAGLE RIVER WEST
2C2-043	QUARTZ LAKE	WI	45-56'55"N	88-57'30"W	7.5' ALVIN NW
2C2-044	FOUR DUCKS LAKE	WI	45-53'40"N	88-59'15"W	7.5' ALVIN NW
2C2-045	MUD LAKE	WI	45-31'00"N	89-33'28"W	7.5' WOODBORO
2C2-046	GERBICK LAKE	WI	45-27'35"N	89-36'05"W	7.5' HARRISON
2C2-047	HORSESHOE LAKE	WI	45-18'45"N	89-37'50"W	7.5' IRMA
2C2-048	MIDGET LAKE	WI	45-30'00"N	88-47'40"W	7.5' LAKE LUCERNE/ROBERTS LAKE
2C2-049	LITTLE SAND LAKE	WI	45-28'15"N	88-55'15"W	7.5' MOLE LAKE
2C2-050	JUNGLE LAKE	WI	45-27'15"N	88-50'00"W	7.5' ROBERTS LAKE
2C2-051	LOIS LAKE	MI	46-11'52"N	89-15'00"W	7.5' LAND O' LAKES/BLACK OAK LAKE
2C2-052	KNIFE LAKE	WI	46-13'25"N	89-40'04"W	7.5' PRESQUE ISLE
2C2-053	SHALLOW POND	WI	45-46'29"N	89-28'39"W	7.5' DAM LAKE
2C2-054	PINE LAKE	WI	45-49'29"N	89-55'24"W	7.5' LAC DU FLAMBEAU SW
2C2-055	SPRUCE LAKE	WI	46-03'12"N	89-34'00"W	7.5' WHITE SAND LAKE
2C2-056	CRAWFORD LAKE	WI	45-25'53"N	88-51'26"W	7.5' ROBERTS LAKE
2C2-057	DEVILS HEAD LAKE	MI	46-12'55"N	89-14'30"W	7.5' LAND O' LAKES
2C2-058	LAKE CLARA	WI	45-30'44"N	89-34'15"W	7.5' WOODBORO
2C2-060	STEWART LAKE	WI	46-00'55"N	89-23'53"W	7.5' STAR LAKE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2C3-001	LAKE GOGEBIC	MI	46-30'00"N	89-35'00"W	7.5' BERGLAND/MERRIWEATHER/MARSHALL
2C3-002	HAWK LAKE	MI	46-19'10"N	89-44'15"W	7.5' STATELINE LAKE
2C3-003	PAINT LAKE	MI	46-21'00"N	88-53'15"W	7.5' LAKE MITIGWAKI
2C3-004	BASS LAKE	WI	46-17'10"N	90-02'45"W	7.5' LAKE EVELYN
2C3-005	BENA LAKE	WI	46-17'30"N	89-53'55"W	7.5' CHANEY LAKE
2C3-006	CORNELIA LAKE	MI	46-16'05"N	89-30'10"W	7.5' GOGEBIC
2C3-007	KETCHUM LAKE	MI	46-16'10"N	88-49'50"W	7.5' WINSLOW LAKE
2C3-008	CEDAR LAKE	WI	46-12'30"N	89-57'15"W	7.5' WINCHESTER
2C3-009	PRESQUE ISLE LAKE	WI	46-13'30"N	89-47'00"W	7.5' PAPOOSE LAKE
2C3-010	MOCCASIN LAKE	MI	46-14'06"N	89-30'45"W	7.5' TENDERFOOT LAKE
2C3-011	GUIDES LAKE	MI	46-14'20"N	89-27'40"W	7.5' THOUSAND ISLAND LAKE
2C3-012	CROOKED LAKE	MI	46-13'53"N	89-17'17"W	7.5' BLACK OAK LAKE/BEATON
2C3-013	FEELY LAKE	WI	46-10'00"N	90-07'10"W	7.5' MERCER
2C3-014	TURTLE FLAMBEAU FLOWAGE	WI	46-05'00"N	90-12'00"W	7.5' LAKE OF FALLS/TURT.FLAM.FLOW..
2C3-015	HIAWATHA LAKE	WI	46-11'20"N	89-49'50"W	7.5' PAPOOSE LAKE
2C3-016	ERWIN LAKE	WI	46-09'50"N	89-26'55"W	7.5' THOUSAND ISLAND LAKE
2C3-018	BIG GIBSON LAKE	WI	46-08'15"N	89-33'15"W	7.5' TENDERFOOT LAKE
2C3-020	BOLIN LAKE	WI	46-05'07"N	89-51'05"W	7.5' MANITOWISH LAKE
2C3-021	LAKE LAURA	WI	46-03'30"N	89-26'15"W	7.5' STAR LAKE
2C3-022	BASS LAKE	MI	46-02'45"N	88-46'15"W	7.5' HAGERMAN LAKE
2C3-024	COCHRAN LAKE	WI	45-57'52"N	90-06'30"W	7.5' PIKE LAKE
2C3-025	MIDDLE SUGARBUSH LAKE	WI	46-01'35"N	89-53'45"W	7.5' POWELL LAKE
2C3-026	ROACH LAKE	WI	45-57'37"N	89-37'15"W	7.5' SAYNER
2C3-027	SPIRIT LAKE	WI	45-58'00"N	89-12'00"W	7.5' EAGLE RIVER EAST
2C3-029	GUNLOCK LAKE	WI	45-54'50"N	89-49'15"W	7.5' FENCE LAKE
2C3-030	LITTLE ST GERMAIN LAKE	WI	45-55'35"N	89-27'00"W	7.5' ST GERMAIN
2C3-033	COLUMBUS LAKE	WI	45-50'15"N	89-15'00"W	7.5' SUGAR CAMP/THREE LAKES
2C3-034	LOWER KAUBASHINE LAKE	WI	45-48'35"N	89-45'00"W	7.5' HAZELHURST/MERCER LAKE
2C3-035	DEER LAKE	WI	45-49'10"N	89-16'45"W	7.5' SUGAR CAMP
2C3-037	BEARSKIN LAKE	WI	45-44'00"N	89-41'00"W	7.5' HARSHAW

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2C3-038	ELM LAKE	WI	45-46'10"N	89-03'30"W	7.5' JULIA LAKE
2C3-039	TENDERFOOT LAKE	WI	45-40'20"N	89-15'30"W	7.5' MOEN LAKE
2C3-041	LAKE NOKOMIS	WI	45-33'15"N	89-44'00"W	7.5' HEAFFORD JUNCTION/BRADLEY
2C3-042	WHITEYE LAKE	WI	45-34'55"N	89-00'00"W	7.5' CRANDON/NASHVILLE
2C3-043	CLEAR LAKE	WI	45-32'00"N	89-43'25"W	7.5' HEAFFORD JUNCTION
2C3-044	LAKE LUCERNE	WI	45-31'45"N	88-51'00"W	7.5' LAKE LUCERNE
2C3-046	EUGENE LAKE	WI	45-28'05"N	88-40'00"W	7.5' WABENO
2C3-047	HINDU LAKE	WI	45-22'30"N	88-59'07"W	7.5' MOLE LAKE/PICKEREL
2C3-049	LITTLE TWIN LAKE	WI	45-21'40"N	88-54'05"W	7.5' PICKEREL
2C3-050	SETTING LAKE	WI	45-15'50"N	88-41'25"W	7.5' RESERVOIR POND
2C3-051	MINNOW LAKE	WI	45-48'38"N	89-16'31"W	7.5' SUGAR CAMP
2C3-052	MUSKESIN LAKE	WI	46-01'06"N	89-54'48"W	7.5' POWELL
2C3-053	INKPOT LAKE	MI	46-13'44"N	89-30'21"W	7.5' TENDERFOOT LAKE
2C3-054	SILVER LAKE	WI	45-28'23"N	89-12'07"W	7.5' ELCHO
2C3-056	EAGLE LAKE	WI	45-56'00"N	89-12'30"W	7.5' EAGLE RIVER EAST
2C3-057	CRESCENT LAKE	WI	45-36'08"N	89-31'20"W	7.5' WOODBORO
2C3-058	WILD RICE LAKE	WI	46-03'55"N	89-47'45"W	7.5' MANITOWISH LAKE
2C3-059	LITTLE PAPOOSE LAKE	WI	46-11'03"N	89-49'15"W	7.5' PAPOOSE LAKE
2C3-060	FANNY LAKE	WI	45-16'03"N	88-39'58"W	7.5' RESERVOIR POND
2D1-001	DEER LAKE	WI	46-29'43"N	91-42'50"W	15' ELLISON LAKE
2D1-004	COFFEE LAKE	WI	46-27'28"N	91-43'27"W	15' ELLISON LAKE
2D1-007	SMITH LAKE	WI	46-23'53"N	91-42'30"W	15' ELLISON LAKE
2D1-009	(NO NAME)	WI	46-22'38"N	91-36'25"W	15' ELLISON LAKE
2D1-010	HIGH LIFE LAKE	WI	46-22'27"N	91-34'40"W	15' ELLISON LAKE
2D1-012	MUSKRAT LAKE	WI	46-20'45"N	91-45'15"W	7.5' SOLON SPRINGS
2D1-014	TWIN LAKES (SOUTHWEST)	WI	46-20'45"N	91-44'20"W	15' ELLISON LAKE
2D1-017	METZGER LAKE	WI	46-19'08"N	91-41'17"W	15' ELLISON LAKE
2D1-018	ROCK LAKE	WI	46-20'35"N	91-37'00"W	15' ELLISON LAKE
2D1-020	(NO NAME)	WI	46-22'05"N	91-36'55"W	15' ELLISON LAKE
2D1-022	BLACK FOX LAKE	WI	46-21'45"N	91-36'38"W	15' ELLISON LAKE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude		Map scale/name
2D1-025	BEAUREGARD LAKE	WI	46°20'30"N	91-35'30"W	15'	ELLISON LAKE
2D1-026	MIRROR LAKE	WI	46-21'25"N	91-34'45"W	15'	ELLISON LAKE
2D1-030	BASS LAKE	WI	46-13'00"N	91-51'15"W	7.5'	GORDON
2D1-037	HALFWAY LAKE	WI	46-13'00"N	91-48'15"W	7.5'	GORDON
2D1-038	(NO NAME)	WI	46-14'10"N	91-46'52"W	7.5'	GORDON
2D1-041	MULLIGAN LAKE	WI	46-12'30"N	91-41'40"W	7.5'	CHITTAMO
2D1-042	HAUGEN LAKE	WI	46-13'22"N	91-39'55"W	7.5'	CHITTAMO
2D1-043	THORN LAKE	WI	46-13'30"N	91-39'20"W	7.5'	CHITTAMO
2D1-045	CROOKED LAKE	WI	46-12'00"N	91-39'00"W	7.5'	CHITTAMO
2D1-047	SULLIVAN LAKE	WI	46-11'15"N	91-46'30"W	7.5'	GORDON
2D1-048	CHAIN LAKES (NORTHWEST)	WI	46-11'55"N	91-44'20"W	7.5'	CHITTAMO
2D1-049	(NO NAME)	WI	46-11'02"N	91-42'20"W	7.5'	CHITTAMO
2D1-050	SNAKE LAKE	WI	46-11'43"N	91-40'05"W	7.5'	CHITTAMO
2D1-052	ISLAND LAKE	WI	46-21'12"N	91-46'04"W	7.5'	SOLON SPRINGS
2D1-055	DEER PRINT LAKE	WI	46-21'35"N	91-37'09"W	15'	ELLISON LAKE
2D1-056	BLUEGILL LAKE	WI	46-12'40"N	91-51'38"W	7.5'	GORDON
2D1-061	GANDER LAKE	WI	46-27'15"N	91-43'45"W	15'	ELLISON LAKE
2D1-063	BOOT LAKE	WI	46-20'18"N	91-37'48"W	15'	ELLISON LAKE
2D1-065	LUND LAKE	WI	46-19'05"N	91-34'45"W	15'	ELLISON LAKE
2D1-067	BEGLINGER LAKE	WI	46-13'13"N	91-50'54"W	7.5'	GORDON
2D1-068	(NO NAME)	WI	46-15'14"N	91-40'09"W	15'	ELLISON LAKE
2D1-072	ALEXANDER LAKE	WI	46-13'06"N	91-40'50"W	7.5'	CHITTAMO
2D1-076	CHENEY LAKE	WI	46-22'54"N	91-42'02"W	15'	ELLISON LAKE
2D1-077	LONG LAKE	WI	46-20'08"N	91-46'49"W	7.5'	SOLON SPRINGS
2D1-078	TWIN LAKES (NORTHERN)	WI	46-21'12"N	91-44'00"W	15'	ELLISON LAKE
2D1-081	HARRIET LAKE	WI	46-13'07"N	91-47'30"W	7.5'	GORDON
2D1-082	PINE LAKE	WI	46-30'29"N	91-39'10"W	7.5'	LAKE NEBAGAMON
2D1-084	FLAT LAKE	WI	46-19'30"N	91-43'53"W	15'	ELLISON LAKE
2D1-088	(NO NAME)	WI	46-22'14"N	91-36'29"W	15'	ELLISON LAKE
2D2-001	BALLON LAKE	MN	47-29'00"N	93-40'00"W	7.5'	LITTLE BOWSTRING LAKE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2D2-006	EVELYN LAKE	WI	46-09'15"N	91-02'00"W	7.5' NAMEKAGON LAKE
2D2-008	(NO NAME)	MN	46-19'30"N	92-51'45"W	7.5' WILLOW RIVER
2D2-010	GRASS LAKE	MN	46-09'55"N	92-58'20"W	7.5' FINLAYSON
2D2-011	(NO NAME)	MN	46-07'40"N	92-55'05"W	7.5' FINLAYSON
2D2-012	CROOKED LAKE	MN	46-07'15"N	92-33'00"W	7.5' WILBUR LAKE/DUXBURY
2D2-016	GULL LAKE	WI	45-59'22"N	91-44'59"W	7.5' MINONG/STANBERRY W./SPRINGBRK
2D2-017	(NO NAME)	WI	45-58'37"N	91-49'50"W	7.5' TREGO
2D2-019	TANDA LAKE	WI	45-56'48"N	92-16'22"W	7.5' WEBSTER
2D2-022	(NO NAME)	WI	45-55'45"N	92-03'33"W	7.5' MC KENZIE LAKE
2D2-023	VIOLA LAKE	WI	45-49'04"N	92-15'00"W	7.5' HERTEL/SIREN EAST
2D2-024	ALDER LAKE	WI	45-46'52"N	91-45'45"W	7.5' SPOONER LAKE
2D2-025	HARMON LAKE	WI	45-46'42"N	91-39'50"W	7.5' POTATO LAKE
2D2-026	(NO NAME)	WI	45-46'50"N	91-34'17"W	7.5' STONE LAKE
2D2-027	(NO NAME)	WI	45-43'47"N	91-49'55"W	7.5' SARONA
2D2-030	(NO NAME)	WI	45-44'44"N	91-34'40"W	7.5' BIRCHWOOD
2D2-031	SAWMILL LAKE	WI	45-45'12"N	91-33'22"W	7.5' STONE LAKE
2D2-033	SHALLOW LAKE	WI	45-41'00"N	91-52'54"W	7.5' SHELL LAKE/SARONA
2D2-035	(NO NAME)	WI	45-42'21"N	91-36'25"W	7.5' BIRCHWOOD
2D2-036	(NO NAME)	WI	45-41'32"N	91-35'22"W	7.5' BIRCHWOOD
2D2-038	PICKEREL LAKE	WI	45-37'47"N	91-36'00"W	7.5' BIRCHWOOD
2D2-040	WARD LAKE	WI	45-45'25"N	92-25'06"W	7.5' SIREN WEST
2D2-041	(NO NAME)	WI	45-41'14"N	92-01'26"W	7.5' TIMBERLAND
2D2-044	SPRING LAKE	WI	45-35'00"N	92-02'30"W	7.5' CUMBERLAND
2D2-046	CRANBERRY LAKE	WI	45-33'33"N	92-04'56"W	7.5' CUMBERLAND
2D2-047	LOON LAKE	WI	45-28'10"N	92-07'43"W	7.5' TURTLE LAKE/ALMENA
2D2-048	GOOSE LAKE	WI	45-18'22"N	91-21'08"W	7.5' FIRESIDE LAKES
2D2-049	LOON LAKE	WI	45-14'48"N	91-28'00"W	7.5' MARSH-MILLER LAKE/CHAIN LAKE
2D2-050	LOWLAND LAKE	WI	45-12'24"N	91-21'44"W	7.5' JOB LAKE
2D2-051	(NO NAME)	WI	45-45'13"N	92-25'47"W	7.5' SIREN WEST
2D2-053	ROUND LAKE	WI	45-53'41"N	92-12'29"W	7.5' BIRCH ISLAND LAKE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2D2-054	LAKE THIRTY	WI	45-34'50"N	91-54'04"W	7.5' LOWER VERMILLION LAKE
2D2-055	BUFF LAKE	WI	45-45'18"N	91-29'24"W	7.5' HAUER
2D2-057	BASS LAKE	WI	45-36'40"N	91-49'56"W	7.5' HAUGEN
2D2-058	ADELE LAKE	MN	47-28'14"N	93-39'14"W	7.5' LITTLE BOWSTRING LAKE
2D2-059	CLEAR LAKE	MN	46-18'09"N	92-52'49"W	7.5' DENHAM
2D2-060	OAK LAKE	WI	45-47'00"N	91-46'17"W	7.5' SPOONER LAKE
2D2-062	(NO NAME)	WI	45-57'00"N	92-04'45"W	7.5' MC KENZIE LAKE
2D2-064	LOON LAKE	WI	45-41'07"N	91-36'53"W	7.5' BIRCHWOOD
2D2-065	(NO NAME)	WI	45-44'42"N	91-35'51"W	7.5' BIRCHWOOD
2D2-067	KINNY LAKE	WI	45-40'57"N	92-00'49"W	7.5' TIMBERLAND
2D2-068	MOODY LAKE	WI	45-45'43"N	91-44'42"W	7.5' POTATO LAKE
2D2-069	BRICHER LAKE	WI	45-57'54"N	92-20'35"W	7.5' WEBSTER
2D2-070	(NO NAME)	WI	45-38'35"N	92-01'09"W	7.5' TIMBERLAND
2D2-071	LOGGER LAKE	WI	45-14'21"N	91-22'50"W	7.5' MARSH-MILLER LAKE
2D2-072	PIKE LAKE	WI	45-49'53"N	92-17'28"W	7.5' SIREN EAST
2D2-074	(NO NAME)	WI	45-29'26"N	92-05'08"W	7.5' ALMENA
2D2-075	SNOWSHOE LAKE	MN	46-04'56"N	93-15'00"W	7.5' WARMAN/POMROY LAKE
2D2-076	LOST LAKE	WI	45-43'01"N	91-50'54"W	7.5' SARONA
2D2-079	RAINY LAKE	WI	46-03'36"N	91-43'27"W	7.5' STANBERRY WEST
2D2-080	(NO NAME)	MN	46-11'42"N	92-59'02"W	7.5' FINLAYSON
2D2-082	LITTLE PINE LAKE	WI	45-17'02"N	91-28'57"W	7.5' CHAIN LAKE
2D2-084	TWIN LAKES (SOUTH)	WI	46-11'59"N	91-08'30"W	7.5' LAKE TAHKODAH
2D3-001	MCDONALD LAKE	MN	47-39'45"N	93-37'00"W	7.5' COON LAKE
2D3-002	RANIER LAKE	MN	47-35'30"N	93-41'10"W	7.5' MARCELL
2D3-003	MOON LAKE	MN	47-32'20"N	93-29'40"W	7.5' BALSAM LAKE
2D3-004	LONG LAKE	MN	47-24'50"N	93-36'50"W	7.5' WABANA LAKE
2D3-006	MURPHY LAKE	MN	47-18'00"N	92-29'45"W	7.5' CENTRAL LAKES/ZIM
2D3-007	WASHUSK LAKE #1	MN	47-14'55"N	92-16'52"W	7.5' WHITEFACE
2D3-008	SPRING LAKE	MN	47-07'25"N	93-52'45"W	7.5' REMER/SHINGLE MILL LAKE
2D3-010	BERGEN LAKE	MN	46-59'36"N	92-19'15"W	7.5' TWIG

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2D3-011	WREN LAKE	MN	46-52'20"N	93-53'45"W	7.5' THUNDER LAKE/ROOSEVELT LAKE
2D3-012	PRAIRIE LAKE	MN	46-47'30"N	92-54'15"W	7.5' PRAIRIE LAKE
2D3-013	LITTLE PINE LAKE	MN	46-42'15"N	94-04'00"W	7.5' CROSS LAKE
2D3-014	LONG LAKE	MN	46-38'50"N	93-27'30"W	7.5' PALISADE
2D3-017	(NO NAME)	MN	46-23'30"N	93-58'00"W	7.5' CROSBY
2D3-018	STAR LAKE	WI	46-23'15"N	91-13'15"W	7.5' GRANDVIEW NW
2D3-019	TANK LAKE	WI	46-22'07"N	91-08'10"W	7.5' DIAMOND LAKE
2D3-020	NORTHEAST LAKE	WI	46-16'10"N	91-12'30"W	7.5' DIAMOND LAKE
2D3-022	PARLEMEE LAKE	MI	46-13'40"N	88-00'45"W	7.5' CHANNING
2D3-023	GIBSON LAKE	MI	46-11'59"N	88-26'35"W	7.5' AMASA
2D3-028	TRIPP LAKE	WI	45-54'05"N	91-32'15"W	7.5' BEAN LAKE
2D3-029	DIKE 4&5 FLOWAGE	WI	45-50'39"N	92-39'37"W	7.5' GRANTSBURG
2D3-031	WEST BASS LAKE	WI	45-46'45"N	88-20'10"W	7.5' FLORENCE SE
2D3-035	HEADQUARTERS LAKE	WI	45-36'05"N	87-57'37"W	7.5' AMBERG
2D3-036	WINTERGREEN LAKE	WI	45-35'40"N	92-11'13"W	7.5' MC KINLEY
2D3-039	JOEL FLOWAGE	WI	45-23'29"N	92-13'02"W	7.5' TURTLE LAKE
2D3-040	MOOSE EAR LAKE	WI	45-19'50"N	91-34'24"W	7.5' MOOSE EAR LAKE
2D3-041	SOUTH TWIN LAKE	WI	45-16'22"N	90-26'16"W	7.5' MONDEAUX DAM
2D3-042	ANDERSON LAKE	WI	45-12'15"N	90-35'23"W	7.5' PERKINSTOWN
2D3-044	EATON LAKE	MI	45-10'00"N	85-16'15"W	15' CENTRAL LAKE
2D3-045	JACKSON LAKE	MI	45-05'10"N	84-09'40"W	15' ATLANTA
2D3-046	CLIFFORD LAKE	MI.	45-01'40"N	84-38'10"W	15' GAYLORD
2D3-047	GINSEL LAKE	MI	44-59'32"N	84-29'52"W	7.5' JOHANNESBURG
2D3-048	SAGE LAKES (LG CENTRAL)	MI	44-53'30"N	84-09'10"W	15' COMINS
2D3-049	BASS LAKE	MI	44-48'06"N	84-53'01"W	15' ALBA
2D3-051	NIOBE LAKE	WI	45-07'20"N	88-54'14"W	7.5' ZOAR
2D3-052	COMSTOCK LAKE	MN	47-13'15"N	92-13'30"W	7.5' COMSTOCK LAKE
2D3-053	BIG ROUND LAKE	WI	45-31'34"N	92-18'00"W	7.5' BIG ROUND LAKE
2D3-055	STEVENS LAKE	MN	47-20'00"N	93-42'30"W	7.5' COHASSET WEST
2D3-056	BLUE LAKE	MI	44-44'47"N	85-09'30"W	15' KALKASKA

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2D3-057	LAKE NINETEEN	WI	45-14'27"N	90-32'10"W	7.5' PERKINSTOWN
2D3-059	KELLEYS LAKE	WI	45-36'59"N	92-08'50"W	7.5' MC KINLEY
2D3-060	LOWER HOLLY LAKE	WI	45-50'28"N	91-28'08"W	7.5' HAUER
2D3-062	CHIPPANAZIE LAKE	WI	46-02'21"N	91-33'34"W	7.5' STANBERRY EAST
2D3-064	BLACKWOOD LAKE	MN	46-46'48"N	92-53'10"W	7.5' PRAIRIE LAKE
2D3-065	PERCH LAKE	WI	45-22'19"N	87-59'19"W	7.5' WAUSAUKEE SOUTH
2D3-066	KUJAWA LAKE	MI	44-59'29"N	84-26'47"W	7.5' JOHANNESBURG
2D3-068	NOKAY LAKE	MN	46-22'30"N	93-58'00"W	7.5' CROSBY/GRAVE LAKE
2D3-069	NORTH STAR LAKE	MN	47-33'30"N	93-39'40"W	7.5' MARCELL
2D3-070	HERON LAKE	WI	45-44'43"N	91-29'18"W	7.5' EDGEWATER
3A1-002	CALDERWOOD LAKE	TN	35-29'45"N	83-58'00"W	7.5' TAPOCO/CALDERWOOD
3A1-004	LAKE CHEOAH	NC	35-27'00"N	83-55'45"W	7.5' TAPOCO/FONTANA DAM
3A1-005	INDIAN BOUNDARY LAKE	TN	35-23'52"N	84-06'50"W	7.5' WHITEOAK FLATS
3A1-006	ENKA LAKE	NC	35-32'00"N	82-39'20"W	7.5' ENKA
3A1-008	THE LAGOON	NC	35-32'28"N	82-33'45"W	7.5' ASHEVILLE
3A1-010	LAKE LOGAN	NC	35-25'00"N	82-55'40"W	7.5' WAYNESVILLE
3A1-012	LAKE TOXAWAY	NC	35-08'00"N	82-56'30"W	7.5' LAKE TOXAWAY/REID
3A1-014	CASHIERS LAKE	NC	35-06'25"N	83-06'03"W	7.5' CASHIERS
3A1-015	HAMPTON LAKE	NC	35-06'05"N	83-04'45"W	7.5' CASHIERS
3A1-018	LUPTIN LAKE	NC	35-06'45"N	83-01'15"W	7.5' CASHIERS
3A1-019	(NO NAME)	NC	35-06'21"N	83-00'15"W	7.5' CASHIERS
3A2-001	FAIRY STONE LAKE	VA	36-48'04"N	80-06'37"W	7.5' PHILPOTT RESERVOIR
3A2-002	(NO NAME)	NC	36-26'41"N	80-55'48"W	7.5' ROARING GAP
3A2-003	(NO NAME)	NC	36-24'05"N	80-58'55"W	7.5' ROARING GAP
3A2-004	CHETOLA LAKE	NC	36-08'16"N	81-40'20"W	7.5' BOONE
3A2-005	LAKE IN THE SKY	TN	35-39'15"N	83-54'28"W	7.5' BLOCKHOUSE
3A2-006	WALTERS LAKE	NC	35-41'35"N	83-02'45"W	7.5' COVE CREEK GAP/FINES CREEK
3A2-007	FONTANA LAKE	NC	35-27'00"N	83-47'30"W	7.5' WESSER/FONTANA DAM/TUSKEEGEE/NOLAND
3A2-008	(NO NAME)	NC	35-16'38"N	83-39'16"W	7.5' HEWITT
3A2-009	NANTAHALA LAKE	NC	35-11'00"N	83-40'00"W	7.5' TOPTON

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
3A2-011	APALACHIA LAKE	NC	35-10'13"N	84-15'30"W	7.5' FARNER/UNAKA
3A2-012	LAKE OCOEE	TN	35-05'42"N	84-36'59"W	7.5' PARKSVILLE/CANEY CREEK
3A2-014	CONASAUGA LAKE	GA	34-51'35"N	84-39'04"W	7.5' CRANDALL
3A2-015	(NO NAME)	GA	34-47'13"N	84-23'58"W	7.5' CASHES VALLEY
3A2-016	NOTTELY LAKE	GA	34-55'56"N	84-04'32"W	7.5' NOTTELY DAM
3A2-017	LAKE BURTON	GA	34-49'38"N	83-33'18"W	7.5' LAKE BURTON/HIGHTOWER BALD
3A2-018	LAKE RABUN	GA	34-46'13"N	83-25'44"W	7.5' TIGER/TALLULAH FALLS
3A2-019	CARTERS LAKE	GA	34-36'26"N	84-38'04"W	7.5' OAKMAN/TALKING ROCK/RAMHURST
3A2-020	TWIN LAKES (WESTERN)	GA	34-37'18"N	83-49'29"W	7.5' CLEVELAND
3A2-021	TWIN LAKES (EASTERN)	GA	34-37'21"N	83-49'13"W	7.5' CLEVELAND/COWROCK
3A2-022	LAKE TAMARACK	GA	34-29'23"N	84-22'18"W	7.5' NELSON
3A2-023	SEQUOYAH LAKE	GA	34-32'41"N	84-22'04"W	7.5' AMICALOLA
3A2-026	SCONTI LAKE	GA	34-27'08"N	84-17'17"W	7.5' NELSON
3A2-027	COX LAKE	GA	34-25'34"N	84-17'53"W	7.5' NELSON
3A2-028	(NO NAME)	GA	34-30'43"N	84-04'37"W	7.5' CAMPBELL MTN.
3A2-029	(NO NAME)	NC	35-24'30"N	82-12'09"W	7.5' LAKE LURE
3A2-030	LAKE ADGER	NC	35-20'17"N	82-12'15"W	7.5' MILL SPRING
3A2-031	CEDAR CLIFF LAKE	NC	35-15'15"N	83-05'45"W	7.5' TUCKASEGEE/BIG RIDGE
3A2-032	BEAR CREEK RESERVOIR	NC	35-14'25"N	83-03'42"W	7.5' BIG RIDGE
3A2-033	TANASEE CREEK RESERVOIR	NC	35-12'47"N	83-00'00"W	7.5' BIG RIDGE/LAKE TOXAWAY
3A2-035	KANUGA LAKE	NC	35-15'45"N	82-31'05"W	7.5' HORSE SHOE
3A2-036	LAKE SUMMITT	NC	35-13'30"N	82-25'00"W	7.5' ZIRCONIA
3A2-038	LAKE SEQUOYAH	NC	35-03'45"N	83-13'15"W	7.5' HIGHLANDS
3A2-039	LAKE JOCASSEE	SC	34-58'31"N	82-56'16"W	7.5' REID/SALEM
3A2-042	PINNACLE LAKE	SC	35-01'45"N	82-41'50"W	7.5' TABLE ROCK
3A2-043	TANKERSLEY LAKE	SC	35-06'05"N	82-32'48"W	7.5' CLEVELAND
3A2-044	(NO NAME)	SC	34-51'58"N	83-06'11"W	7.5' WALHALLA
3A2-045	YONAH LAKE	SC	34-41'19"N	83-20'19"W	7.5' TUGALOO LAKE
3A2-046	TOCCOA RESERVOIR	GA	34-36'50"N	83-21'34"W	7.5' TOCCOA
3A2-047	LAKE LOUISE	GA	34-36'10"N	83-16'57"W	7.5' TOCCOA

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
3A2-048	HARPER POND	SC	34-39'13"N	83-11'28"W	7.5' HOLLY SPRINGS
3A2-049	RUSSELL LAKE	GA	34-29'23"N	83-29'49"W	7.5' LAKE RUSSELL
3A2-053	THORPE LAKE	NC	35-10'30"N	83-09'00"W	7.5' GLENVILLE/BIG RIDGE
3A2-055	HIWASSEE LAKE	NC	35-09'45"N	84-10'00"W	7.5' UNAKA/PERSIMMON CREEK/MURPHY
3A2-056	BLUE RIDGE LAKE	GA	34-51'45"N	84-16'00"W	7.5' WILSCOT/MINERAL BLUFF/BLUE RIDGE
3A2-057	FAUSETT LAKE	GA	34-31'48"N	84-16'45"W	7.5' AMICALOLA
3A2-058	GRANDVIEW LAKE	GA	34-30'06"N	84-23'50"W	7.5' JASPER/DYKE
3A2-059	LAUREL LAKE	TN	35-40'15"N	83-47'52"W	7.5' KINZEL SPRINGS
3A3-001	TIMBER LAKE	VA	37-19'00"N	79-16'15"W	7.5' FOREST
3A3-004	LAKE JAMES	NC	35-44'30"N	81-54'00"W	7.5' ASHFORD/OAK HILL/MARION EAST/GLEN A
3A3-006	BURNETT RESERVOIR	NC	35-40'00"N	82-20'20"W	7.5' MONTREAT
3A3-009	LAKE LANIER	SC	35-11'40"N	82-14'05"W	7.5' LANDRUM
3A3-011	(NO NAME)	SC	35-05'15"N	81-44'35"W	7.5' GAFFNEY/COWPENS
3A3-012	(NO NAME)	SC	34-57'05"N	82-23'37"W	7.5' PARIS MTN
3A3-014	LAWSON LAKE	GA	34-37'37"N	83-25'45"W	7.5' TALLULAH FALLS
3A3-017	(NO NAME)	GA	34-17'27"N	84-04'53"W	7.5' COAL MTN
3A3-021	WINDER RESERVOIR	GA	34-00'42"N	83-44'36"W	7.5' WINDER NORTH
3A3-022	LAKE SEAGRAVES	GA	34-05'53"N	83-21'20"W	7.5' HULL
3A3-026	ELDER LAKE	GA	34-00'00"N	83-48'10"W	7.5' BOLD SPRINGS/AUBURN
3A3-027	(NO NAME)	GA	33-57'00"N	83-16'30"W	7.5' ATHENS EAST
3A3-035	JOELS LAKE	GA	33-41'30"N	84-08'15"W	7.5' REDAN
3A3-036	GAINES LAKE	GA	33-43'00"N	84-03'15"W	7.5' CONYERS
3A3-038	(NO NAME)	GA	33-41'50"N	82-41'50"W	7.5' WASHINGTON EAST
3A3-044	SHAMROCK LAKE	GA	33-28'52"N	84-18'00"W	7.5' HAMPTON
3A3-045	ROCK EAGLE LAKE	GA	33-25'00"N	83-23'40"W	7.5' ROCK EAGLE LAKE
3A3-046	(NO NAME)	GA	33-23'40"N	84-14'33"W	7.5' MC DONOUGH
3A3-050	AIKEN POND	GA	33-14'10"N	82-49'45"W	7.5' WARTHEN NE
3A3-052	HARPS LAKE	GA	33-37'05"N	84-11'24"W	7.5' STOCKBRIDGE
3A3-053	HARTWELL LAKE	SC	34-22'30"N	82-50'30"W	GREENVILLE (1:250,000)
3A3-056	RHODHISS LAKE	NC	35-47'05"N	81-27'30"W	7.5' DREXEL/GRANITE FALLS/MORGANTOWN N.

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
3A3-057	LAKE SPIVEY	GA	33-30'52"N	84-17'30"W	7.5' JONESBORO
3A3-058	WILBUR LAKE	TN	36-20'17"N	82-07'05"W	7.5' WATAUGA DAM/ELIZABETHTON
3A3-060	STEWARTS LAKE	GA	33-38'21"N	83-05'05"W	7.5' WOODVILLE
3A3-061	(NO NAME)	GA	33-29'45"N	84-13'33"W	7.5' MC DONOUGH
3A3-063	(NO NAME)	GA	33-58'56"N	84-19'50"W	7.5' CHAMBLEE
3A3-064	(NO NAME)	GA	34-04'08"N	83-31'15"W	7.5' JEFFERSON
3A3-065	FOREST LAKE	NC	35-21'51"N	81-52'45"W	7.5' RUTHERFORDTON SOUTH
3A3-066	LAKE TAHOMA	NC	35-43'30"N	82-05'00"W	15' MARION
3A3-068	FREEMAN LAKE	GA	33-55'10"N	84-08'37"W	7.5' NORCROSS
3A3-070	LAKE HOUSER	NC	35-13'23"N	81-43'45"W	7.5' BOILING SPRINGS SOUTH
3A3-072	LAKE WILLIAM C. BOWEN	SC	35-06'30"N	82'03'00"W	15' INMAN
3A3-073	(NO NAME)	GA	33-41'00"N	84-02'45"W	7.5' CONYERS
3A3-074	BOYD MILLPOND	SC	34-27'30"N	82-12'30"W	7.5' WARE SHOALS EAST
3A3-078	WALKER LAKE	GA	33-39'52"N	84-02'30"W	7.5' CONYERS
3A3-082	(NO NAME)	SC	34-32'00"N	82-23'00"W	15' WILLIAMSTON
3A3-084	(NO NAME)	SC	35-05'42"N	81-44'20"W	7.5' GAFFNEY
3A3-086	(NO NAME)	GA	33-59'14"N	83-40'50"W	7.5' WINDER SOUTH
3A3-087	CLAYTOR LAKE	VA	37-03'45"N	80'36'30"W	7.5' DUBLIN/RADFORD SOUTH/HIWASSEE
3A3-089	(NO NAME)	GA	34-15'50"N	84-09'45"W	7.5' MATT
3A3-092	SMITH MTN LAKE	VA	37-02'30"N	79-35'00"W	7.5' SM.M.DAM/HARDY/REDWOOD/GOODVIEW
3A3-095	LAKE SIDNEY LANIER	GA	34-11'30"N	84-00'00"W	ROME (1:250,000)
3A3-099	(NO NAME)	GA	34-11'47"N	84-18'54"W	7.5' BIRMINGHAM
3B1-007	(NO NAME)	FL	28-29'22"N	81-35'24"W	7.5' WINDERMERE
3B1-008	LAKE BLANCHE	FL	28-28'48"N	81-31'00"W	7.5' WINDERMERE
3B1-010	SQUARE LAKE	FL	28-25'31"N	81-42'03"W	7.5' LAKE LOUISA
3B1-013	OSAGE LAKE	FL	28-21'05"N	81-38'11"W	7.5' LAKE LOUISA SW
3B1-022	OPEN LAKE	FL	30-29'10"N	85-42'40"W	7.5' CRYSTAL LAKE
3B1-025	SPARKLEBERRY LAKE	FL	30-27'40"N	85-31'03"W	7.5' BENNETT
3B1-027	STEVENS LAKE	FL	29-53'30"N	82-00'35"W	7.5' STARKE
3B1-029	(NO NAME)	FL	29-46'10"N	81-56'45"W	7.5' GOLD HEAD BRANCH

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
3B1-032	CHIPCO LAKE	FL	29-37'42"N	81-53'31"W	7.5' PUTNAM HALL
3B1-033	(NO NAME)	FL	29-37'17"N	81-54'38"W	7.5' KEUKA
3B1-036	CROOKED LAKE	FL	29-09'10"N	81-36'10"W	7.5' ASTOR
3B1-039	(NO NAME)	FL	29-07'06"N	81-52'45"W	7.5' LAKE WEIR
3B1-041	PECAN LAKE	FL	29-02'12"N	81-53'38"W	7.5' LAKE WEIR
3B1-044	HOLLY LAKE	FL	28-56'26"N	81-43'00"W	7.5' UMATILLA
3B1-045	LAKE MARY	FL	28-55'29"N	81-40'41"W	7.5' UMATILLA
3B1-050	BIG LAKE	FL	28-52'07"N	81-27'52"W	7.5' OSTEEN
3B1-051	WILMA LAKE (EAST)	FL	28-32'21"N	81-43'49"W	7.5' CLERMONT EAST
3B1-052	(NO NAME)	FL	28-38'19"N	81-52'39"W	7.5' CENTER HILL
3B1-054	(NO NAME)	FL	29-47'24"N	81-57'34"W	7.5' GOLD HEAD BRANCH
3B1-055	MARINER LAKE	FL	29-38'45"N	81-53'17"W	7.5' PUTNAM HALL
3B1-057	(NO NAME)	FL	29-00'33"N	81-51'52"W	7.5' LAKE MARY
3B1-058	(NO NAME)	FL	28-59'56"N	81-52'35"W	7.5' LADY LAKE
3B1-059	(NO NAME)	FL	28-29'04"N	81-34'15"W	7.5' WINDERMERE
3B1-061	(NO NAME)	FL	28-59'04"N	81-45'15"W	7.5' EMERALDA ISLAND
3B1-064	HOMESTEAD POND	FL	30-31'17"N	85-42'15"W	7.5' VERNON
3B1-065	(NO NAME)	FL	28-57'30"N	81-38'48"W	7.5' UMATILLA
3B1-067	BULLOCK LAKE	FL	28-18'10"N	81-10'25"W	7.5' NARCOOSSEE
3B1-068	(NO NAME)	FL	28-29'15"N	81-35'35"W	7.5' WINDERMERE
3B1-069	LAKE ROSA	FL	29-42'42"N	82-00'27"W	7.5' MELROSE
3B1-072	LAKE EMMA	FL	28-36'45"N	81-51'10"W	7.5' CLERMONT WEST
3B1-073	LAKE DOYLE	FL	28-51'43"N	81-11'39"W	7.5' OSTEEN
3B1-077	SELLERS LAKE	FL	29-06'43"N	81-38'15"W	7.5' FARLES LAKE
3B1-078	ROUND LAKE	FL	29-07'22"N	81-54'18"W	7.5' LAKE WEIR
3B1-079	LAKE GLONA	FL	28-28'57"N	81-47'22"W	7.5' LAKE NELLIE
3B1-083	(NO NAME)	FL	28-58'35"N	81-51'48"W	7.5' EMERALDA ISLAND
3B1-087	BOGGY MARSH	FL	28-23'15"N	81-42'02"W	7.5' LAKE LOUISA/LAKE LOUISA SW
3B1-088	COOK LAKE	FL	28-35'27"N	81-48'30"W	7.5' CLERMONT WEST
3B1-089	(NO NAME)	FL	29-36'30"N	81-58'25"W	7.5' KEUKA

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
3B1-090	BLUE POND	FL	29-52'30"N	82-01'30"W	7.5' STARKE/KEYSTONE HEIGHTS
3B1-091	LITTLE FISH LAKE	FL	28-24'05"N	81-30'47"W	7.5' WINDERMERE
3B1-093	REEDY LAKE	FL	28-24'55"N	81-36'48"W	7.5' WINDERMERE
3B1-097	CLEAR LAKE	FL	29-10'42"N	81-52'06"W	7.5' HALFMOON LAKE
3B1-098	(NO NAME)	FL	30-29'32"N	85-48'40"W	7.5' RED HEAD
3B1-099	(NO NAME)	FL	29-37'07"N	81-53'52"W	7.5' KEUKA
3B1-105	(NO NAME)	FL	29-09'46"N	81-36'57"W	7.5' ASTOR
3B1-106	(NO NAME)	FL	29-34'45"N	81-57'17"W	7.5' KEUKA
3B1-113	BLACK LAKE	FL	30-31'48"N	85-45'14"W	7.5' MILLERS FERRY
3B1-114	LONG POND	FL	29-40'39"N	81-54'15"W	7.5' PUTNAM HALL
3B1-116	(NO NAME)	FL	28-56'28"N	81-40'15"W	7.5' UMATILLA
3B1-130	PAYNE LAKE	FL	30-33'25"N	85-39'55"W	7.5' VERNON
3B1-132	OCHEESEE POND	FL	30-39'52"N	84-58'15"W	7.5' SNEADS/CYPRESS
3B1-140	TURKEY PEN POND	FL	30-33'21"N	85-17'12"W	7.5' ALFORD SE
3B2-001	OHIO LAKE	GA	31-01'02"N	82-12'15"W	7.5' FORT MUDGE
3B2-003	DOUBLE LAKES (SOUTH)	GA	30-58'50"N	82-11'45"W	7.5' DOUBLE LAKES
3B2-005	DURDIN LAKE	GA	30-53'13"N	82-08'50"W	7.5' DOUBLE LAKES
3B2-006	HALF MOON LAKE	GA	30-52'27"N	82-08'43"W	7.5' DOUBLE LAKES/CHASE PRAIRIE
3B2-010	BUZZARD ROOST LAKE	GA	30-40'05"N	82-12'25"W	7.5' CHESSER ISLAND
3B2-011	SEAGROVE LAKE	GA	30-42'33"N	82-10'18"W	7.5' CHESSER ISLAND
3B2-013	TROUT LAKE	FL	27-38'49"N	81-30'27"W	7.5' FROSTPROOF
3B2-014	LAKE PYTHIAS	FL	27-38'09"N	81-29'50"W	7.5' FROSTPROOF/LAKE ARBUCKLE
3B2-015	LAKE BRENTWOOD	FL	27-37'17"N	81-30'43"W	7.5' AVON PARK
3B2-016	LAKE VIOLA	FL	27-36'45"N	81-29'45"W	7.5' LAKE ARBUCKLE SW
3B2-019	LAKE GLENADA	FL	27-33'48"N	81-30'22"W	7.5' AVON PARK/LAKE ARBUCKLE SW
3B2-020	LAKE ANGELO	FL	27-35'09"N	81-28'00"W	7.5' LAKE ARBUCKLE SW
3B2-021	LAKE LETTA	FL	27-33'38"N	81-27'45"W	7.5' LAKE ARBUCKLE SW
3B2-022	LAKE SEBRING	FL	27-31'41"N	81-29'03"W	7.5' LAKE ARBUCKLE SW
3B2-023	BONNET LAKE	FL	27-32'38"N	81-26'28"W	7.5' LAKE ARBUCKLE SW
3B2-024	BASKET LAKE	FL	27-31'43"N	81-26'38"W	7.5' LAKE ARBUCKLE SW

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
3B2-025	HUCKLEBERRY LAKE	FL	27-27'08"N	81-27'50"W	7.5' SEBRING
3B2-026	WOLF LAKE	FL	27-25'17"N	81-28'27"W	7.5' SEBRING
3B2-027	LAKE CHARLOTTE	FL	27-26'00"N	81-27'00"W	7.5' SEBRING
3B2-029	LAKE JOSEPHINE	FL	27-23'36"N	81-26'26"W	7.5' SEBRING
3B2-030	LAKE CARRIE	FL	27-20'14"N	81-25'40"W	7.5' LAKE JUNE IN WINTER
3B2-031	RED WATER LAKE	FL	27-20'50"N	81-23'45"W	7.5' LAKE JUNE IN WINTER
3B2-032	NORTHWEST LAKE NELLIE	FL	27-21'13"N	81-23'01"W	7.5' LAKE JUNE IN WINTER
3B2-033	SOUTHEAST LAKE NELLIE	FL	27-20'53"N	81-22'33"W	7.5' LAKE JUNE IN WINTER/LAKE PLACID
3B2-035	LAKE JUNE IN WINTER	FL	27-18'17"N	81-24'03"W	7.5' LAKE JUNE IN WINTER/LAKE PLACID
3B2-036	LAKE SIRENA	FL	27-17'04"N	81-22'10"W	7.5' LAKE PLACID
3B2-037	MIRROR LAKE	FL	27-16'31"N	81-21'38"W	7.5' LAKE PLACID
3B2-048	LAKE ISTOKPOGA	FL	27-22'24"N	81-17'13"W	7.5' LORIDA/LAKE PLACID/BASINGER NW & SW
3B2-053	LAKE ANNIE	FL	27-12'30"N	81-21'00"W	7.5' CHILDS
3B2-054	RED BEACH LAKE	FL	27-25'55"N	81-24'15"W	7.5' SEBRING
3B2-055	LAKE FRANCIS	FL	27-20'15"N	81-24'30"W	7.5' LAKE JUNE IN WINTER
3B2-056	GRASSY LAKE	FL	27-15'00"N	81-20'00"W	7.5' CHILDS/LAKE PLACID
3B2-061	LAKE HILL	FL	27-21'00"N	81-26'20"W	7.5' LAKE JUNE IN WINTER
3B2-062	LAKE DAMON	FL	27-38'00"N	81-30'35"W	7.5' FROSTPROOF
3B2-063	LAKE DENTON	FL	27-33'20"N	81-29'21"W	7.5' LAKE ARBUCKLE SW
3B2-065	LAKE LELIA	FL	27-34'25"N	81-30'15"W	7.5' AVON PARK/LAKE ARBUCKLE SW
3B2-067	PIONEER LAKE	FL	27-37'20"N	81-29'40"W	7.5' LAKE ARBUCKLE/LAKE ARBUCKLE SW
3B2-072	LAKE HENRY	FL	27-19'22"N	81-23'00"W	7.5' LAKE JUNE IN WINTER
3B2-074	LAKE BYRD	FL	27-37'15"N	81-31'05"W	7.5' FROSTPROOF
3B2-075	LAKE PEARL	FL	27-17'00"N	81-21'45"W	7.5' LAKE PLACID
3B2-080	BLUE LAKE	FL	27-26'06"N	81-30'45"W	7.5' CREWSVILLE
3B2-081	LITTLE RED WATER LAKE	FL	27-32'30"N	81-28'30"W	7.5' LAKE ARBUCKLE SW
3B2-084	PERSIMMON LAKE	FL	27-21'17"N	81-24'20"W	7.5' LAKE JUNE IN WINTER
3B2-085	(NO NAME)	FL	27-25'55"N	81-30'00"W	7.5' SEBRING/CREWSVILLE
3B2-087	COWARD LAKE	GA	30-39'27"N	82-10'12"W	7.5' CHESSER ISLAND
3B2-088	LAKE CREWS	FL	27-17'45"N	81-26'10"W	7.5' LAKE JUNE IN WINTER

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
3B2-089	LAKE PLACID	FL	27-14'30"N	81-22'15"W	7.5' CHILDS/L.PLACID/VENUS NW/L.J.WINTER
3B2-090	LITTLE BONNET LAKE	FL	27-33'35"N	81-28'35"W	7.5' LAKE ARBUCKLE SW
3B2-091	CENTER LAKE NELLIE	FL	27-21'08"N	81-22'45"W	7.5' LAKE JUNE IN WINTER
3B2-092	LAKE JACKSON	FL	27-29'15"N	81-27'30"W	7.5' SEBRING/LAKE ARBUCKLE SW
3B2-093	GANNET LAKE	GA	30-39'40"N	82-14'40"W	7.5' CHESSER ISLAND
3B2-094	DINNER LAKE	FL	27-30'55"N	81-26'30"W	7.5' LAKE ARBUCKLE SW
3B2-096	DEER LAKE	FL	27-36'34"N	81-28'30"W	7.5' LAKE ARBUCKLE SW
3B2-099	LAKE LOTELA	FL	27-34'30"N	81-29'00"W	7.5' LAKE ARBUCKLE SW
3B2-100	MAUL HAMMOCK LAKE	GA	31-00'55"N	82-15'28"W	7.5' WAYCROSS SE
3B2-101	HOG LAKE	FL	27-31'47"N	81-31'05"W	7.5' AVON PARK
3B2-103	DOUBLE LKS.(NORTH)	GA	30-59'12"N	82-11'35"W	7.5' DOUBLE LAKES
3B2-105	LAKE SIMMONS	FL	27-20'18"N	81-22'33"W	7.5' LAKE JUNE IN WINTER/LAKE PLACID
3B2-106	LAKE ANOKA	FL	27-34'50"N	81-30'45"W	7.5' AVON PARK
3B2-107	SILVER LAKE	FL	27-33'58"N	81-31'25"W	7.5' AVON PARK
3B2-111	LAKE ISIS	FL	27-36'45"N	81-30'40"W	7.5' AVON PARK
3B2-113	LAKE RUTH	FL	27-25'45"N	81-27'30"W	7.5' SEBRING
3B3-001	(NO NAME)	FL	30-33'18"N	84-21'17"W	7.5' LAKE JACKSON
3B3-002	LAKE HIAWATHA	FL	30-24'47"N	84-21'00"W	7.5' TALLAHASSEE
3B3-006	MATTHIS LAKE	FL	29-47'32"N	83-00'36"W	7.5' MALLORY SWAMP SE
3B3-010	GREEN POND	FL	29-33'13"N	82-02'13"W	7.5' HAWTHORNE
3B3-013	LAKE LOU	FL	29-13'57"N	81-51'17"W	7.5' HALFMOON LAKE
3B3-017	TSALA APOPKA LAKE	FL	28-55'58"N	82-22'25"W	7.5' HOLDER/STOKES FERRY
3B3-023	MOON LAKE	FL	28-42'55"N	82-16'33"W	7.5' NOBLETON
3B3-024	HOLTS LAKE	FL	28-41'11"N	81-33'23"W	7.5' APOPKA
3B3-029	LAKE SHERWOOD	FL	28-32'59"N	81-29'57"W	7.5' ORLANDO WEST/WINTER GARDEN
3B3-032	GOOSE LAKE	FL	28-21'23"N	82-28'08"W	7.5' EHREN
3B3-052	LAKE HELENE	FL	28-10'24"N	81-48'13"W	7.5' POLK CITY
3B3-054	(NO NAME)	FL	28-47'11"N	81-31'27"W	7.5' SORRENTO
3B3-060	(NO NAME)	FL	29-19'55"N	82-28'05"W	7.5' MORRISTON
3B3-068	HAMMOCK LAKE	FL	29-45'52"N	83-01'07"W	7.5' MALLORY SWAMP SE

(continued)

TABLE 4-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
3B3-071	GEORGES POND	FL	29-32'02"N	82-18'42"W	7.5' MICANOPY
3B3-074	LAKE STANDISH	FL	28-42'02"N	81-33'08"W	7.5' APOPKA
3B3-075	SAXON LAKE	FL	28-11'50"N	82-26'50"W	7.5' LUTZ
3B3-077	PRAIRIE LAKE	FL	28-35'35"N	81-30'30"W	7.5' WINTER GARDEN
3B3-082	(NO NAME)	FL	29-27'33"N	81-31'54"W	7.5' CRESCENT CITY
3B3-089	BIRD POND	FL	29-11'48"N	82-20'18"W	7.5' COTTON PLANT
3B3-109	(NO NAME)	FL	28-48'19"N	82-17'07"W	7.5' INVERNESS
3B3-110	LAKE BINGHAM	FL	28-44'22"N	81-18'37"W	7.5' CASSELBERRY
3B3-116	MOODY LAKE	FL	28-24'28"N	82-17'45"W	7.5' SPRING LAKE
3B3-117	KEYSTONE LAKE	FL	28-07'52"N	82-35'25"W	7.5' ODESSA/CITRUS PARK
3B3-129	LAKE SUNSHINE	FL	28-55'32"N	81-55'20"W	7.5' LADY LAKE
3B3-132	SADDLEBAG LAKE	FL	27-53'52"N	81-27'52"W	7.5' HESPERIDES
3B3-133	LOFTON PONDS (SOUTH)	FL	30-21'12"N	84-22'55"W	7.5' HILLIARDSVILLE
3B3-136	LAKE JEFFERY	FL	30-12'32"N	82-41'30"W	7.5' LAKE CITY WEST
3B3-148	(NO NAME)	FL	28-15'51"N	81-35'43"W	7.5' INTERCESSION CITY
3B3-157	(NO NAME)	FL	28-17'03"N	82-19'07"W	7.5' SAN ANTONIO
3B3-162	LAKE THOMAS	FL	28-08'47"N	82-29'15"W	7.5' LUTZ
3B3-168	HAVEN WINQUIPIN	FL	29-33'54"N	82-45'03"W	7.5' TRENTON/NEWBERRY SW
3B3-169	(NO NAME)	FL	28-26'10"N	82-23'15"W	7.5' MASARYKTOWN
3B3-173	CLEAR LAKE	FL	28-21'45"N	82-28'45"W	7.5' EHREN
3B3-175	LAKE WOODWARD	FL	28-49'30"N	81-40'45"W	7.5' EUSTIS
3B3-176	MOORE LAKE	FL	30-23'33"N	84-24'15"W	7.5' MIDWAY

SECTION 5

REGULAR LAKES SORTED BY STATE AND LAKE NAME

This section (Table 5-1) lists all regular lakes (those that were part of the probability sample), sorted by state and lake name.

The table includes: the name of the state in which the lake is located, the lake name as it appears on the appropriate USGS map, the lake ID as described in Section 4, the latitude and longitude (in degrees-minutes-seconds) and the date the lake was sampled.

TABLE 5-1. REGULAR LAKES SORTED BY STATE AND LAKE NAME

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
CONNECTICUT	(NO NAME)	1D1-015	42-01'30"N	72-08'15"W	13NOV84
	(NO NAME)	1D3-033	41-39'30"N	73-11'30"W	08NOV84
	ANDOVER LAKE	1D2-044	41-43'00"N	72-21'30"W	13NOV84
	BAILEY POND	1D1-020	41-38'15"N	71-47'30"W	04NOV84
	BISSONNETTE POND	1D1-017	41-55'25"N	72-13'05"W	13NOV84
	CEDAR POND	1D3-042	41-19'15"N	72-46'45"W	08NOV84
	FOSTERS POND	1D1-050	41-21'30"N	72-35'05"W	08NOV84
	GREAT POND	1D3-091	41-19'01"N	73-28'07"W	06NOV84
	GRIGGS POND	1D1-058	42-00'07"N	72-05'14"W	13NOV84
	HARTLAND POND	1D3-084	42-01'06"N	73-00'36"W	08NOV84
	INDIAN LAKE	1D3-092	41-15'03"N	73-00'40"W	06NOV84
	KILLINGLY POND	1D3-029	41-51'45"N	71-47'45"W	04NOV84
	LAKE FLOREN	1D3-083	41-45'25"N	73-14'33"W	08NOV84
	LAKE WINNEMAUG	1D3-036	41-35'00"N	73-07'45"W	08NOV84
	LANE POND	1D1-049	41-24'05"N	72-44'05"W	08NOV84
	LEANDER POND	1D3-056	41-50'15"N	72-11'18"W	13NOV84
	LONG POND	1D3-025	42-01'15"N	71-49'00"W	08NOV84
	MOREY POND	1D1-016	41-57'35"N	72-11'35"W	13NOV84
	PICKEREL LAKE	1D2-080	41-31'48"N	72-25'13"W	13NOV84
	QUINEBAUG POND	1D3-076	41-46'29"N	71-53'19"W	13NOV84
	RIGA LAKE	1B3-056	42-01'18"N	73-29'00"W	08NOV84
	SILVIAS POND	1D3-043	41-21'47"N	71-54'30"W	13NOV84
	TRANSYLVANIA POND	1D2-045	41-30'40"N	73-14'20"W	08NOV84
	WATABA LAKE	1D3-069	41-20'30"N	73-29'45"W	06NOV84
FLORIDA	(NO NAME)	3B1-007	28-29'22"N	81-35'24"W	09DEC84
	(NO NAME)	3B1-029	29-46'10"N	81-56'45"W	13DEC84
	(NO NAME)	3B1-033	29-37'17"N	81-54'38"W	10DEC84
	(NO NAME)	3B1-039	29-07'06"N	81-52'45"W	10DEC84
	(NO NAME)	3B1-052	28-38'19"N	81-52'39"W	08DEC84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
FLORIDA (cont)	(NO NAME)	3B1-054	29-47'24"N	81-57'34"W	13DEC84
	(NO NAME)	3B1-057	29-00'33"N	81-51'52"W	11DEC84
	(NO NAME)	3B1-058	28-59'56"N	81-52'35"W	09DEC84
	(NO NAME)	3B1-059	28-29'04"N	81-34'15"W	08DEC84
	(NO NAME)	3B1-061	28-59'04"N	81-45'15"W	09DEC84
	(NO NAME)	3B1-065	28-57'30"N	81-38'48"W	09DEC84
	(NO NAME)	3B1-068	28-29'15"N	81-35'35"W	09DEC84
	(NO NAME)	3B1-083	28-58'35"N	81-51'48"W	09DEC84
	(NO NAME)	3B1-089	29-36'30"N	81-58'25"W	10DEC84
	(NO NAME)	3B1-098	30-29'32"N	85-48'40"W	14DEC84
	(NO NAME)	3B1-099	29-37'07"N	81-53'52"W	10DEC84
	(NO NAME)	3B1-105	29-09'46"N	81-36'57"W	09DEC84
	(NO NAME)	3B1-106	29-34'45"N	81-57'17"W	10DEC84
	(NO NAME)	3B1-116	28-56'28"N	81-40'15"W	09DEC84
	(NO NAME)	3B2-085	27-25'55"N	81-30'00"W	03DEC84
	(NO NAME)	3B3-001	30-33'18"N	84-21'17"W	14DEC84
	(NO NAME)	3B3-054	28-47'11"N	81-31'27"W	09DEC84
	(NO NAME)	3B3-060	29-19'55"N	82-28'05"W	11DEC84
	(NO NAME)	3B3-082	29-27'33"N	81-31'54"W	11DEC84
	(NO NAME)	3B3-109	28-48'19"N	82-17'07"W	10DEC84
	(NO NAME)	3B3-148	28-15'51"N	81-35'43"W	05DEC84
	(NO NAME)	3B3-157	28-17'03"N	82-19'07"W	10DEC84
	(NO NAME)	3B3-169	28-26'10"N	82-23'15"W	10DEC84
	BASKET LAKE	3B2-024	27-31'43"N	81-26'38"W	05DEC84
	BIG LAKE	3B1-050	28-52'07"N	81-27'52"W	08DEC84
	BIRD POND	3B3-089	29-11'48"N	82-20'18"W	10DEC84
	BLACK LAKE	3B1-113	30-31'48"N	85-45'14"W	14DEC84
	BLUE LAKE	3B2-080	27-26'06"N	81-30'45"W	03DEC84
	BLUE POND	3B1-090	29-52'30"N	82-01'30"W	11DEC84
	BOGGY MARSH	3B1-087	28-23'15"N	81-42'02"W	08DEC84

(continued)

TABLE .5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
FLORIDA (cont)	BONNET LAKE	3B2-023	27-32'38"N	81-26'28"W	05DEC84
	BULLOCK LAKE	3B1-067	28-18'10"N	81-10'25"W	05DEC84
	CENTER LAKE NELLIE	3B2-091	27-21'08"N	81-22'45"W	04DEC84
	CHIPCO LAKE	3B1-032	29-37'42"N	81-53'31"W	11DEC84
	CLEAR LAKE	3B1-097	29-10'42"N	81-52'06"W	10DEC84
	CLEAR LAKE	3B3-173	28-21'45"N	82-28'45"W	11DEC84
	COOK LAKE	3B1-088	28-35'27"N	81-48'30"W	08DEC84
	CROOKED LAKE	3B1-036	29-09'10"N	81-36'10"W	09DEC84
	DEER LAKE	3B2-096	27-36'34"N	81-28'30"W	05DEC84
	DINNER LAKE	3B2-094	27-30'55"N	81-26'30"W	05DEC84
	GEORGES POND	3B3-071	29-32'02"N	82-18'42"W	11DEC84
	GOOSE LAKE	3B3-032	28-21'23"N	82-28'08"W	11DEC84
	GRASSY LAKE	3B2-056	27-15'00"N	81-20'00"W	04DEC84
	GREEN POND	3B3-010	29-33'13"N	82-02'13"W	11DEC84
	HAMMOCK LAKE	3B3-068	29-45'52"N	83-01'07"W	13DEC84
	HAVEN WINQUIPIN	3B3-168	29-33'54"N	82-45'03"W	13DEC84
	HOG LAKE	3B2-101	27-31'47"N	81-31'05"W	05DEC84
	HOLLY LAKE	3B1-044	28-56'26"N	81-43'00"W	09DEC84
	HOLTS LAKE	3B3-024	28-41'11"N	81-33'23"W	09DEC84
	HOMESTEAD POND	3B1-064	30-31'17"N	85-42'15"W	14DEC84
	HUCKLEBERRY LAKE	3B2-025	27-27'08"N	81-27'50"W	03DEC84
	KEYSTONE LAKE	3B3-117	28-07'52"N	82-35'25"W	10DEC84
	LAKE ANGELO	3B2-020	27-35'09"N	81-28'00"W	05DEC84
	LAKE ANNIE	3B2-053	27-12'30"N	81-21'00"W	02DEC84
	LAKE ANOKA	3B2-106	27-34'50"N	81-30'45"W	05DEC84
	LAKE BINGHAM	3B3-110	28-44'22"N	81-18'37"W	08DEC84
	LAKE BLANCHE	3B1-008	28-28'48"N	81-31'00"W	08DEC84
	LAKE BRENTWOOD	3B2-015	27-37'17"N	81-30'43"W	05DEC84
	LAKE BYRD	3B2-074	27-37'15"N	81-31'05"W	05DEC84
	LAKE CARRIE	3B2-030	27-20'14"N	81-25'40"W	03DEC84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
FLORIDA (cont)	LAKE CHARLOTTE	3B2-027	27-26'00"N	81-27'00"W	03DEC84
	LAKE CREWS	3B2-088	27-17'45"N	81-26'10"W	03DEC84
	LAKE DAMON	3B2-062	27-38'00"N	81-30'35"W	04DEC84
	LAKE DENTON	3B2-063	27-33'20"N	81-29'21"W	05DEC84
	LAKE DOYLE	3B1-073	28-51'43"N	81-11'39"W	08DEC84
	LAKE EMMA	3B1-072	28-36'45"N	81-51'10"W	08DEC84
	LAKE FRANCIS	3B2-055	27-20'15"N	81-24'30"W	03DEC84
	LAKE GLENADA	3B2-019	27-33'48"N	81-30'22"W	05DEC84
	LAKE GLONA	3B1-079	28-28'57"N	81-47'22"W	08DEC84
	LAKE HELENE	3B3-052	28-10'24"N	81-48'13"W	05DEC84
	LAKE HENRY	3B2-072	27-19'22"N	81-23'00"W	03DEC84
	LAKE HIAWATHA	3B3-002	30-24'47"N	84-21'00"W	14DEC84
	LAKE HILL	3B2-061	27-21'00"N	81-26'20"W	03DEC84
	LAKE ISIS	3B2-111	27-36'45"N	81-30'40"W	05DEC84
	LAKE ISTOKPOGA	3B2-048	27-22'24"N	81-17'13"W	04DEC84
	LAKE JACKSON	3B2-092	27-29'15"N	81-27'30"W	03DEC84
	LAKE JEFFERY	3B3-136	30-12'32"N	82-41'30"W	13DEC84
	LAKE JOSEPHINE	3B2-029	27-23'36"N	81-26'26"W	04DEC84
	LAKE JUNE IN WINTER	3B2-035	27-18'17"N	81-24'03"W	03DEC84
	LAKE LELIA	3B2-065	27-34'25"N	81-30'15"W	05DEC84
	LAKE LETTA	3B2-021	27-33'38"N	81-27'45"W	05DEC84
	LAKE LOTELA	3B2-099	27-34'30"N	81-29'00"W	05DEC84
	LAKE LOU	3B3-013	29-13'57"N	81-51'17"W	10DEC84
	LAKE MARY	3B1-045	28-55'29"N	81-40'41"W	09DEC84
	LAKE PEARL	3B2-075	27-17'00"N	81-21'45"W	02DEC84
	LAKE PLACID	3B2-089	27-14'30"N	81-22'15"W	02DEC84
	LAKE PYTHIAS	3B2-014	27-38'09"N	81-29'50"W	04DEC84
	LAKE ROSA	3B1-069	29-42'42"N	82-00'27"W	11DEC84
	LAKE RUTH	3B2-113	27-25'45"N	81-27'30"W	03DEC84
	LAKE SEBRING	3B2-022	27-31'41"N	81-29'03"W	05DEC84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
FLORIDA (cont)	LAKE SHERWOOD	3B3-029	28-32'59"N	81-29'57"W	08DEC84
	LAKE SIMMONS	3B2-105	27-20'18"N	81-22'33"W	04DEC84
	LAKE SIRENA	3B2-036	27-17'04"N	81-22'10"W	03DEC84
	LAKE STANDISH	3B3-074	28-42'02"N	81-33'08"W	09DEC84
	LAKE SUNSHINE	3B3-129	28-55'32"N	81-55'20"W	09DEC84
	LAKE THOMAS	3B3-162	28-08'47"N	82-29'15"W	10DEC84
	LAKE VIOLA	3B2-016	27-36'45"N	81-29'45"W	05DEC84
	LAKE WOODWARD	3B3-175	28-49'30"N	81-40'45"W	09DEC84
	LITTLE BONNET LAKE	3B2-090	27-33'35"N	81-28'35"W	05DEC84
	LITTLE FISH LAKE	3B1-091	28-24'05"N	81-30'47"W	08DEC84
	LITTLE RED WATER LAKE	3B2-081	27-32'30"N	81-28'30"W	05DEC84
	LOFTON PONDS (SOUTH)	3B3-133	30-21'12"N	84-22'55"W	14DEC84
	LONG POND	3B1-114	29-40'39"N	81-54'15"W	13DEC84
	MARINER LAKE	3B1-055	29-38'45"N	81-53'17"W	11DEC84
	MATTHIS LAKE	3B3-006	29-47'32"N	83-00'36"W	13DEC84
	MIRROR LAKE	3B2-037	27-16'31"N	81-21'38"W	04DEC84
	MOODY LAKE	3B3-116	28-24'28"N	82-17'45"W	10DEC84
	MOON LAKE	3B3-023	28-42'55"N	82-16'33"W	10DEC84
	MOORE LAKE	3B3-176	30-23'33"N	84-24'15"W	14DEC84
	NORTHWEST LAKE NELLIE	3B2-032	27-21'13"N	81-23'01"W	04DEC84
	OCHEESEE POND	3B1-132	30-39'52"N	84-58'15"W	14DEC84
	OPEN LAKE	3B1-022	30-29'10"N	85-42'40"W	14DEC84
	OSAGE LAKE	3B1-013	28-21'05"N	81-38'11"W	08DEC84
	PAYNE LAKE	3B1-130	30-33'25"N	85-39'55"W	14DEC84
	PECAN LAKE	3B1-041	29-02'12"N	81-53'38"W	10DEC84
	PERSIMMON LAKE	3B2-084	27-21'17"N	81-24'20"W	04DEC84
	PIONEER LAKE	3B2-067	27-37'20"N	81-29'40"W	04DEC84
	PRAIRIE LAKE	3B3-077	28-35'35"N	81-30'30"W	09DEC84
	RED BEACH LAKE	3B2-054	27-25'55"N	81-24'15"W	04DEC84
	RED WATER LAKE	3B2-031	27-20'50"N	81-23'45"W	04DEC84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
FLORIDA (cont)	REEDY LAKE	3B1-093	28-24'55"N	81-36'48"W	08DEC84
	ROUND LAKE	3B1-078	29-07'22"N	81-54'18"W	10DEC84
	SADDLEBAG LAKE	3B3-132	27-53'52"N	81-27'52"W	04DEC84
	SAXON LAKE	3B3-075	28-11'50"N	82-26'50"W	10DEC84
	SELLERS LAKE	3B1-077	29-06'43"N	81-38'15"W	09DEC84
	SILVER LAKE	3B2-107	27-33'58"N	81-31'25"W	05DEC84
	SOUTHEAST LAKE NELLIE	3B2-033	27-20'53"N	81-22'33"W	04DEC84
	SPARKLEBERRY LAKE	3B1-025	30-27'40"N	85-31'03"W	14DEC84
	SQUARE LAKE	3B1-010	28-25'31"N	81-42'03"W	08DEC84
	STEVENS LAKE	3B1-027	29-53'30"N	82-00'35"W	11DEC84
	TROUT LAKE	3B2-013	27-38'49"N	81-30'27"W	04DEC84
	TSALA APOPKA LAKE	3B3-017	28-55'58"N	82-22'25"W	10DEC84
	TURKEY PEN POND	3B1-140	30-33'21"N	85-17'12"W	14DEC84
	WILMA LAKE (EAST)	3B1-051	28-32'21"N	81-43'49"W	08DEC84
	WOLF LAKE	3B2-026	27-25'17"N	81-28'27"W	03DEC84
GEORGIA	(NO NAME)	3A2-015	34-47'13"N	84-23'58"W	24NOV84
	(NO NAME)	3A2-028	34-30'43"N	84-04'37"W	24NOV84
	(NO NAME)	3A3-017	34-17'27"N	84-04'53"W	26NOV84
	(NO NAME)	3A3-027	33-57'00"N	83-16'30"W	27NOV84
	(NO NAME)	3A3-038	33-41'50"N	82-41'50"W	27NOV84
	(NO NAME)	3A3-046	33-23'40"N	84-14'33"W	26NOV84
	(NO NAME)	3A3-061	33-29'45"N	84-13'33"W	26NOV84
	(NO NAME)	3A3-063	33-58'56"N	84-19'50"W	26NOV84
	(NO NAME)	3A3-064	34-04'08"N	83-31'15"W	27NOV84
	(NO NAME)	3A3-073	33-41'00"N	84-02'45"W	26NOV84
	(NO NAME)	3A3-086	33-59'14"N	83-40'50"W	27NOV84
	(NO NAME)	3A3-089	34-15'50"N	84-09'45"W	26NOV84
	(NO NAME)	3A3-099	34-11'47"N	84-18'54"W	26NOV84
	AIKEN POND	3A3-050	33-14'10"N	82-49'45"W	27NOV84
	BLUE RIDGE LAKE	3A2-056	34-51'45"N	84-16'00"W	20NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
GEORGIA (cont)	BUZZARD ROOST LAKE	3B2-010	30-40'05"N	82-12'25"W	13DEC84
	CARTERS LAKE	3A2-019	34-36'26"N	84-38'04"W	24NOV84
	CONASAUGA LAKE	3A2-014	34-51'35"N	84-39'04"W	24NOV84
	COWARD LAKE	3B2-087	30-39'27"N	82-10'12"W	13DEC84
	COX LAKE	3A2-027	34-25'34"N	84-17'53"W	24NOV84
	DOUBLE LAKES (SOUTH)	3B2-003	30-58'50"N	82-11'45"W	13DEC84
	DOUBLE LKS.(NORTH)	3B2-103	30-59'12"N	82-11'35"W	13DEC84
	DURDIN LAKE	3B2-005	30-53'13"N	82-08'50"W	13DEC84
	ELDER LAKE	3A3-026	34-00'00"N	83-48'10"W	27NOV84
	FAUSETT LAKE	3A2-057	34-31'48"N	84-16'45"W	24NOV84
	FREEMAN LAKE	3A3-068	33-55'10"N	84-08'37"W	26NOV84
	GAINES LAKE	3A3-036	33-43'00"N	84-03'15"W	26NOV84
	GANNET LAKE	3B2-093	30-39'40"N	82-14'40"W	13DEC84
	GRANDVIEW LAKE	3A2-058	34-30'06"N	84-23'50"W	24NOV84
	HALF MOON LAKE	3B2-006	30-52'27"N	82-08'43"W	13DEC84
	HARPS LAKE	3A3-052	33-37'05"N	84-11'24"W	26NOV84
	JOELS LAKE	3A3-035	33-41'30"N	84-08'15"W	26NOV84
	LAKE BURTON	3A2-017	34-49'38"N	83-33'18"W	24NOV84
	LAKE LOUISE	3A2-047	34-36'10"N	83-16'57"W	24NOV84
	LAKE RABUN	3A2-018	34-46'13"N	83-25'44"W	24NOV84
	LAKE SEAGRAVES	3A3-022	34-05'53"N	83-21'20"W	27NOV84
	LAKE SIDNEY LANIER	3A3-095	34-11'30"N	84-00'00"W	26NOV84
	LAKE SPIVEY	3A3-057	33-30'52"N	84-17'30"W	26NOV84
	LAKE TAMARACK	3A2-022	34-29'23"N	84-22'18"W	24NOV84
	LAWSON LAKE	3A3-014	34-37'37"N	83-25'45"W	24NOV84
	MAUL HAMMOCK LAKE	3B2-100	31-00'55"N	82-15'28"W	13DEC84
	NOTTELY LAKE	3A2-016	34-55'56"N	84-04'32"W	20NOV84
	OHIO LAKE	3B2-001	31-01'02"N	82-12'15"W	13DEC84
	ROCK EAGLE LAKE	3A3-045	33-25'00"N	83-23'40"W	27NOV84
	RUSSELL LAKE	3A2-049	34-29'23"N	83-29'49"W	24NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
GEORGIA (cont)	SCONTI LAKE	3A2-026	34-27'08"N	84-17'17"W	24NOV84
	SEAGROVE LAKE	3B2-011	30-42'33"N	82-10'18"W	13DEC84
	SEQUOYAH LAKE	3A2-023	34-32'41"N	84-22'04"W	24NOV84
	SHAMROCK LAKE	3A3-044	33-28'52"N	84-18'00"W	26NOV84
	STEWARTS LAKE	3A3-060	33-38'21"N	83-05'05"W	27NOV84
	TOCCOA RESERVOIR	3A2-046	34-36'50"N	83-21'34"W	24NOV84
	TWIN LAKES (EASTERN)	3A2-021	34-37'21"N	83-49'13"W	26NOV84
	TWIN LAKES (WESTERN)	3A2-020	34-37'18"N	83-49'29"W	26NOV84
	WALKER LAKE	3A3-078	33-39'52"N	84-02'30"W	26NOV84
	WINDER RESERVOIR	3A3-021	34-00'42"N	83-44'36"W	27NOV84
MAINE	(BIG) BERRY POND	1C1-010	45-30'20"N	70-02'15"W	19OCT84
	(NO NAME)	1E1-027	45-47'25"N	69-14'30"W	17OCT84
	(NO NAME)	1E1-087	43-45'00"N	70-40'40"W	29OCT84
	(NO NAME)	1E1-119	43-48'54"N	70-40'10"W	29OCT84
	(NO NAME)	1E1-120	45-27'26"N	68-50'46"W	19OCT84
	(NO NAME)	1E2-002	45-59'40"N	69-47'00"W	17OCT84
	(NO NAME)	1E2-003	45-57'15"N	70-04'05"W	17OCT84
	(NO NAME)	1E2-015	46-16'45"N	69-36'25"W	16OCT84
	(NO NAME)	1E2-021	46-07'45"N	68-35'10"W	16OCT84
	(NO NAME)	1E2-025	45-53'30"N	69-46'25"W	17OCT84
	(NO NAME)	1E2-069	46-07'27"N	68-46'45"W	16OCT84
	(NO NAME)	1E2-073	45-53'08"N	69-26'58"W	17OCT84
	ABBOTTS POND	1C2-010	44-25'45"N	70-31'00"W	24OCT84
	ALEWIFE POND	1E3-050	43-26'15"N	70-36'15"W	30OCT84
	BALD MOUNTAIN POND	1E3-036	45-15'00"N	69-44'00"W	19OCT84
	BEAL POND	1C2-007	44-54'14"N	70-24'30"W	18OCT84
	BEAN POND	1C1-078	45-07'38"N	69-58'41"W	19OCT84
	BEAN PONDS (MIDDLE)	1E1-025	45-48'45"N	69-11'30"W	17OCT84
	BEAR POND	1C3-032	44-09'15"N	70-43'00"W	25OCT84
	BEAVER POND	1C1-074	44-48'44"N	70-41'14"W	18OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MAINE (cont)	BELL POND	1E1-093	45-20'35"N	69-31'17"W	17OCT84
	BIG GRAPEVINE POND	1E1-045	45-18'45"N	69-15'30"W	19OCT84
	BIG HURD POND	1E2-017	46-10'00"N	69-40'00"W	17OCT84
	BLACK BROOK POND	1C3-074	45-24'09"N	69-53'52"W	19OCT84
	BLACK POND	1C2-012	44-08'45"N	70-48'00"W	25OCT84
	BLACK POND	1E1-004	45-44'45"N	69-16'45"W	17OCT84
	BRACEY POND	1E1-060	44-57'45"N	68-07'20"W	21OCT84
	BRANNS MILL POND	1E3-038	45-06'30"N	69-10'00"W	19OCT84
	BRETTUNS POND	1E2-054	44-23'30"N	70-15'00"W	24OCT84
	BURNHAM POND	1E3-035	45-32'30"N	69-43'00"W	17OCT84
	CAIN POND	1E3-062	44-29'32"N	68-58'03"W	23OCT84
	CARRY POND	1E3-071	46-20'43"N	68-35'45"W	15OCT84
	CASSIDY DEADWATER	1E2-057	45-58'38"N	69-37'34"W	17OCT84
	CLARKSON POND	1E2-014	46-25'20"N	69-28'00"W	16OCT84
	CLEAR POND	1C1-021	45-06'30"N	69-59'15"W	19OCT84
	CLIFFORD POND	1E1-105	45-50'06"N	69-05'37"W	17OCT84
	CLISH POND	1E3-065	46-01'09"N	70-15'30"W	17OCT84
	CRAIG POND	1E1-074	44-35'00"N	68-40'00"W	22OCT84
	CRANBERRY POND	1C1-023	44-51'30"N	70-56'55"W	18OCT84
	CRESCENT POND	1E2-058	46-25'34"N	69-36'35"W	16OCT84
	CRESENT (RATTLESNAKE) L.	1E1-084	43-58'30"N	70-27'30"W	29OCT84
	CROOKED BROOK LAKE	1E1-036	45-33'00"N	67-43'15"W	21OCT84
	CROOKED POND	1E1-103	45-21'10"N	68-26'35"W	21OCT84
	DAN CHARLES POND	1C2-065	44-10'53"N	70-49'35"W	25OCT84
	DECKER PONDS (EASTERN)	1C1-018	45-11'45"N	69-56'15"W	19OCT84
	DENNY POND	1E3-012	46-56'45"N	68-52'15"W	16OCT84
	DEPOT LAKE	1E3-014	46-46'30"N	69-49'45"W	16OCT84
	DOLBY POND (NORTHERN)	1E1-031	45-41'00"N	68-37'30"W	17OCT84
	DOUGHNUT POND	1E1-108	45-48'34"N	69-07'24"W	17OCT84
	DRURY POND	1C2-056	44-42'15"N	70-14'30"W	24OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MAINE (cont)	DUCK LAKE	1E1-054	45-09'00"N	68-06'00"W	21OCT84
	DUNDEE POND	1E2-055	43-47'18"N	70-27'17"W	29OCT84
	DYER LONG POND	1E1-083	44-11'00"N	69-31'30"W	23OCT84
	EBEEMEE LAKE	1E1-038	45-25'30"N	69-00'30"W	19OCT84
	EDDY POND	1C1-002	44-55'15"N	70-31'32"W	18OCT84
	ELM POND	1E2-011	46-01'30"N	69-48'30"W	17OCT84
	FAIRBANKS POND	1E2-007	44-23'21"N	69-49'52"W	24OCT84
	FIRST POND	1E1-123	44-22'10"N	68-36'00"W	22OCT84
	FISH RIVER LAKE	1E3-013	46-50'00"N	68-46'45"W	16OCT84
	FITTS POND	1E1-126	44-45'47"N	68-33'21"W	21OCT84
	FOREST POND	1E2-010	43-59'50"N	69-21'15"W	23OCT84
	FOURTH DAVIS POND	1E1-011	45-15'30"N	69-23'40"W	19OCT84
	FOURTH ROACH POND	1E1-006	45-38'30"N	69-15'00"W	19OCT84
	FROST POND	1E1-024	45-54'30"N	69-11'15"W	17OCT84
	FULTON LAKE	1E1-066	44-51'00"N	67-33'30"W	21OCT84
	GARDNER POND	1E1-023	46-04'28"N	68-39'54"W	16OCT84
	GEORGE POND	1E1-068	44-44'15"N	68-38'00"W	21OCT84
	GEORGES POND	1E1-073	44-37'00"N	68-14'30"W	23OCT84
	GETCHEL LAKES (NORTHERN)	1E1-056	45-08'00"N	67-52'40"W	21OCT84
	GLAZIER LAKE	1E3-006	47-13'40"N	69-00'00"W	15OCT84
	GRASS POND	1C1-016	45-18'30"N	70-05'30"W	19OCT84
	GRASSY POND(SPRINGY POND)	1E1-069	44-45'30"N	68-29'30"W	22OCT84
	GREAT POND	1E1-092	44-36'03"N	68-17'00"W	22OCT84
	GREEN POND	1E2-019	46-09'00"N	68-24'15"W	15OCT84
	GREENWOOD POND	1E1-106	45-32'07"N	69-13'58"W	17OCT84
	GROSS POND	1E2-049	44-03'30"N	69-23'35"W	23OCT84
	HALFMILE POND	1E1-128	44-50'59"N	68-25'47"W	21OCT84
	HANCOCK POND	1C2-064	44-57'20"N	69-59'10"W	18OCT84
	HANSEN POND	1C3-034	43-35'45"N	70-54'30"W	29OCT84
	HEDGEHOG POND	1E1-116	45-28'45"N	69-24'45"W	19OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MAINE (cont)	HOBART BOG	1E1-118	44-51'02"N	67-15'22"W	21OCT84
	HOPKINS POND	1E1-012	44-47'30"N	68-27'15"W	21OCT84
	HORSESHOE POND	1C1-028	44-35'27"N	70-40'00"W	24OCT84
	HORSESHOE POND	1C3-007	45-27'30"N	69-56'00"W	19OCT84
	HUNT POND	1C1-031	44-05'00"N	71-00'00"W	25OCT84
	HUTCHINSON POND	1E2-053	44-15'52"N	69-52'21"W	24OCT84
	IRON POND	1C2-002	45-27'30"N	70-22'30"W	19OCT84
	JESSIE POND	1C2-009	44-44'52"N	70-15'04"W	24OCT84
	JIMMIES POND	1E1-091	44-58'04"N	68-09'38"W	21OCT84
	JOE POND	1E2-067	44-24'26"N	69-49'25"W	24OCT84
	JOSH POND	1E1-089	44-46'45"N	67-18'30"W	21OCT84
	JOYS POND	1E2-051	44-13'20"N	69-40-02"W	24OCT84
	KALERS POND	1E2-063	44-06'29"N	69-25'22"W	23OCT84
	KEG LAKE	1E1-047	45-19'30"N	68-03'15"W	21OCT84
	KENNEBUNK POND	1E1-088	43-30'15"N	70-39'00"W	30OCT84
	LILY BOG	1E2-061	45-03'25"N	69-31'58"W	19OCT84
	LILY PAD POND	1E1-018	45-52'35"N	69-02'30"W	16OCT84
	LILY POND	1E1-117	43-58'57"N	70-19'02"W	29OCT84
	LITTLE DIMMICK POND	1C1-019	45-13'45"N	69-52'30"W	19OCT84
	LITTLE FISH POND	1C3-005	45-32'48"N	70-28'37"W	18OCT84
	LITTLE HATCASE POND	1E1-071	44-42'10"N	68-31'30"W	21OCT84
	LITTLE INDIAN POND	1E3-024	46-15'41"N	69-14'21"W	16OCT84
	LITTLE JIM POND	1C1-015	45-17'00"N	70-27'30"W	18OCT84
	LITTLE LEADBETTER POND	1E3-027	46-14'45"N	69-11'45"W	16OCT84
	LITTLE MEDOMAK LAKE	1E2-048	44-11'25"N	69-20'30"W	23OCT84
	LITTLE POND	1C2-069	43-57'40"N	70-48'52"W	25OCT84
	LITTLE POND	1E1-122	44-23'34"N	69-19'14"W	23OCT84
	LITTLE POND	1E3-046	44-23'15"N	69-11'50"W	23OCT84
	LITTLE ROUND POND	1E1-046	45-18'48"N	68-26'55"W	21OCT84
	LITTLE SEAVEY LAKE	1E1-061	44-56'15"N	67-38'00"W	21OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MAINE (cont)	LONG LAKE	1E3-030	46-06'40"N	68-07'30"W	15OCT84
	LONG POND	1E1-062	44-55'00"N	68-16'11"W	21OCT84
	LONG POND	1E1-101	44-02'15"N	68-36'40"W	23OCT84
	LONG POND	1E1-111	44-32'02"N	68-10'13"W	23OCT84
	LONGFELLOW LAKE	1E3-069	45-45'58"N	67-51'07"W	21OCT84
	LOST POND	1E2-004	46-13'00"N	69-20'50"W	16OCT84
	LOWER HADLOCK POND	1E1-124	44-18'36"N	68-17'26"W	22OCT84
	LOWER JO-MARY LAKE	1E1-030	45-41'00"N	69-00'00"W	17OCT84
	LOWER OXBROOK LAKE	1E1-050	45-17'00"N	67-50'30"W	21OCT84
	LOWER SABAGO LAKE	1E1-058	45-00'00"N	68-01'30"W	21OCT84
	LT.GREENWOOD POND (WEST)	1E1-040	45-22'00"N	69-24'30"W	17OCT84
	LUFKIN POND	1C1-088	44-50'25"N	70-27'46"W	18OCT84
	MCCLURE POND	1E3-045	44-29'00"N	68-57'50"W	23OCT84
	MCLEAN LAKE	1E3-070	47-06'25"N	68-52'15"W	15OCT84
	MEADOW POND	1E1-078	44-21'25"N	68-54'00"W	23OCT84
	MIDDLE CHAIN LAKE	1E1-096	45-13'11"N	68-04'45"W	21OCT84
	MILLINOCKET LAKE	1E1-028	45-45'00"N	68-47'00"W	17OCT84
	MILLINOCKET LAKE	1E3-060	46-18'10"N	68-52'30"W	15OCT84
	MOODY POND	1E3-048	44-17'35"N	69-08'45"W	23OCT84
	MOOSE POND	1E2-037	44-28'30"N	69-58'00"W	24OCT84
	MORRELL POND	1E3-072	46-12'54"N	68-48'13"W	16OCT84
	MOSHER POND	1E3-044	44-28'30"N	70-06'30"W	24OCT84
	MOUNTAIN POND	1E3-018	46-33'30"N	69-00'40"W	15OCT84
	MUD POND	1C2-011	44-17'30"N	70-39'00"W	25OCT84
	MUD POND	1C3-006	45-31'20"N	70-40'49"W	18OCT84
	NELSON POND	1E2-038	44-24'55"N	70-15'45"W	24OCT84
	NOKOMIS POND	1E3-040	44-52'15"N	69-18'00"W	19OCT84
	NORTH POND	1C1-029	44-24'15"N	70-40'30"W	25OCT84
	NORTHEAST POND	1E2-039	44-20'30"N	70-21'15"W	24OCT84
	NORTHWEST POND	1C2-018	43-34'45"N	70-47'45"W	29OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MAINE (cont)	NUMBER NINE LAKE	1E3-022	46-25'00"N	68-03'00"W	15OCT84
	OLAMON POND	1E1-057	45-01'40"N	68-23'40"W	21OCT84
	ORANGE LAKE	1E1-090	44-46'10"N	67-15'00"W	21OCT84
	OTTER POND	1E1-055	45-05'52"N	69-41'35"W	19OCT84
	OTTER POND	1E3-002	46-22'28"N	68-21'30"W	15OCT84
	PALMER POND	1E1-053	45-10'00"N	69-43'50"W	19OCT84
	PARKER POND	1E1-077	44-22'20"N	68-42'30"W	22OCT84
	PEABODY POND	1E2-056	43-56'32"N	70-41'13"W	25OCT84
	PEAKED MOUNTAIN POND	1E1-102	46-00'43"N	68-38'10"W	16OCT84
	PEEP LAKE	1E1-009	44-54'30"N	67-53'30"W	21OCT84
	PLEASANT LAKE	1E2-029	45-04'00"N	67-29'00"W	21OCT84
	PLEASANT LAKE	1E3-031	46-01'30"N	68-10'00"W	15OCT84
	POLAND POND	1E2-062	46-15'35"N	69-35'30"W	16OCT84
	POSSUM LAKE	1E1-059	45-01'00"N	67-41'45"W	21OCT84
	QUIMBY POND	1C2-068	44-59'27"N	70-44'31"W	18OCT84
	RAYMOND POND	1E1-015	43-58'00"N	70-25'45"W	30OCT84
	RICH MILL POND	1E2-046	43-47'30"N	70-34'30"W	29OCT84
	RICHARDSON POND	1C2-005	44-55'30"N	70-55'00"W	18OCT84
	ROBERTS POND	1E3-033	46-03'30"N	70-16'05"W	17OCT84
	ROBINSON POND	1E2-023	46-01'45"N	69-57'30"W	17OCT84
	ROCKY LAKE	1E1-100	44-51'46"N	67-27'30"W	21OCT84
	RODERIQUE POND	1C3-003	45-39'15"N	69-55'40"W	17OCT84
	ROSS POND	1E2-071	43-55'20"N	69-29'40"W	23OCT84
	ROUND LAKE	1E2-030	45-01'00"N	67-16'00"W	21OCT84
	ROUND POND	1E2-016	46-14'30"N	69-33'45"W	16OCT84
	ROUND POND	1E2-047	44-12'15"N	69-17'30"W	23OCT84
	ROUND POND	1E3-015	46-46'00"N	69-16'00"W	16OCT84
	SAFFORD POND	1E3-041	44-44'20"N	69-13'30"W	24OCT84
	SALMON STREAM LAKE	1C1-022	45-00'00"N	70-06'30"W	18OCT84
		1E1-029	45-43'30"N	68-29'09"W	17OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MAINE (cont)	SAND POND	1E3-042	44-34'10"N	70-07'10"W	24OCT84
	SANDY RIVER PONDS (MID)	1C1-008	44-53'50"N	70-33'30"W	18OCT84
	SCHOODIC LAKE	1E1-072	44-41'45"N	67-53'30"W	22OCT84
	SEAVEY LAKE	1E1-063	44-54'20"N	67-37'30"W	21OCT84
	SEBAGO LAKE	1E2-045	43-50'00"N	70-30'00"W	29OCT84
	SECOND CHAIN LAKE	1E1-022	45-00'00"N	67-44'00"W	21OCT84
	SECOND CURRIER POND	1E3-057	46-24'55"N	69-06'31"W	16OCT84
	SECOND DEBSCONEAG LAKE	1E1-020	45-46'45"N	69-02'30"W	17OCT84
	SECOND MUSQUACOOK LAKE	1E2-012	46-38'00"N	69-10'30"W	16OCT84
	SEWELL POND	1E1-086	43-52'15"N	69-46'52"W	23OCT84
	SHIRLEY POND	1E1-109	45-22'06"N	69-37'17"W	19OCT84
	SIX PONDS	1E1-010	46-00'30"N	68-55'30"W	16OCT84
	SMITH POND	1E1-129	45-03'44"N	69-42'43"W	19OCT84
	SOPER POND	1E3-056	46-22'28"N	69-13'47"W	16OCT84
	SOUTH POND	1C1-003	44-52'00"N	70-33'30"W	18OCT84
	SOUTH POND	1E1-044	45-20'30"N	69-27'25"W	17OCT84
	SPAULDING LAKE	1E3-068	46-06'24"N	68-06'15"W	15OCT84
	SPECTACLE POND	1C1-013	45-20'00"N	70-27'30"W	18OCT84
	SPECTACLE POND	1E1-067	44-45'00"N	68-13'00"W	22OCT84
	SPRING LAKE	1E1-052	45-13'00"N	68-13'00"W	21OCT84
	SPRING POND	1E3-025	46-18'15"N	69-02'45"W	16OCT84
	ST. FROID LAKE	1E3-011	46-57'00"N	68-37'00"W	16OCT84
	STEARNS POND	1C3-060	44-07'20"N	70-46'38"W	25OCT84
	STEVENS POND	1E1-082	44-22'00"N	69-18'00"W	23OCT84
	SUGAR BERTH POND	1C3-004	45-38'30"N	70-21'00"W	19OCT84
	SUMMIT POND	1E2-052	46-01'40"N	69-52'50"W	17OCT84
	TARBOX POND	1E2-070	46-11'42"N	69-31'50"W	16OCT84
	TARKILL POND	1E2-065	43-50'36"N	70-25'58"W	29OCT84
	TEN THOUSAND ACRE POND	1C1-011	45-30'20"N	69-57'30"W	19OCT84
	THOMPSON LAKE	1E2-043	44-06'00"N	70-30'00"W	25OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MAINE (cont)	THREE MILE POND	1E3-052	44-22'02"N	69-36'16"W	23OCT84
	THURSTON POND	1E1-070	44-40'00"N	68-43'30"W	23OCT84
	TOBEY POND	1C1-077	45-26'42"N	69-59'10"W	19OCT84
	TOGUE POND	1E3-055	46-56'02"N	68-53'31"W	16OCT84
	TOM YOUNG POND	1E3-067	45-45'44"N	69-35'28"W	19OCT84
	TOMHEGAN POND	1E2-027	45-48'00"N	69-53'30"W	17OCT84
	TORREY POND	1E1-014	44-14'35"N	68-39'00"W	22OCT84
	TRAFTON POND	1C2-016	43-50'45"N	70-53'30"W	25OCT84
	TRIPP POND	1E2-044	44-03'00"N	70-26'00"W	25OCT84
	TROUT POND	1E1-034	45-28'35"N	69-23'30"W	19OCT84
	UNKNOWN POND	1C3-069	45-36'15"N	70-38'04"W	18OCT84
	UP. COLD STREAM PONDS (E)	1E1-113	45-18'13"N	68-27'02"W	21OCT84
	UPPER HADLOCK POND	1E1-079	44-19'20"N	68-17'15"W	22OCT84
	UPPER OXHEAD POND	1E1-097	45-04'55"N	68-15'16"W	21OCT84
	UPPER PIERCE POND	1C1-075	45-18'05"N	70-06'09"W	19OCT84
	WARREN POND	1C3-067	43-13'37"N	70-43'40"W	30OCT84
	WEBSTER LAKE	1E2-018	46-09'30"N	69-05'00"W	16OCT84
	WEED POND	1E1-017	46-02'00"N	68-52'30"W	16OCT84
	WELHERN POND	1C1-017	45-12'45"N	70-29'40"W	18OCT84
	WEST POND	1C2-060	43-45'15"N	70-52'30"W	29OCT84
	WESTERN LAKE	1E2-059	45-04'20"N	67-10'22"W	21OCT84
	WEYMOUTH POND	1E3-039	44-58'15"N	69-19'30"W	19OCT84
	WHEELOCK LAKE	1E3-007	47-12'00"N	68-43'00"W	15OCT84
	WHETSTONE POND	1E1-051	45-13'00"N	69-33'30"W	19OCT84
	WIGHT POND	1E1-076	44-28'15"N	68-40'30"W	22OCT84
	WILEY POND	1E2-060	46-00'04"N	68-32'26"W	16OCT84
	WILSON HILL POND	1C1-012	45-25'58"N	69-58'12"W	19OCT84
MASSACHUSETTS	(NO NAME)	1C3-062	42-36'50"N	71-38'18"W	01NOV84
	(NO NAME)	1D1-011	42-03'00"N	73-13'15"W	08NOV84
	(NO NAME)	1D1-029	41-54'15"N	70-51'30"W	06NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MASSACHUSETTS (cont)	(NO NAME)	1D2-091	42-00'04"N	70-53'35"W	13NOV84
	(NO NAME)	1D3-015	42-12'20"N	70-58'35"W	04NOV84
	ALTHEA LAKE	1C3-048	42-40'10"N	71-22'50"W	31OCT84
	AMES POND	1D2-006	42-29'52"N	72-25'09"W	03NOV84
	ASHLAND RESERVOIR	1D2-093	42-14'22"N	71-27'52"W	08NOV84
	ASHLEY POND	1D3-016	42-10'00"N	72-40'00"W	08NOV84
	BENEDICT POND	1D2-013	42-12'15"N	73-17'15"W	07NOV84
	BERKSHIRE POND	1C3-020	42-30'15"N	73-11'50"W	07NOV84
	BIG STATION POND	1D2-055	41-32'56"N	70-00'23"W	06NOV84
	BOONS POND	1D2-003	42-24'12"N	71-30'08"W	04NOV84
	BORDEN BROOK RESERVOIR	1D1-055	42-07'47"N	72-56'45"W	08NOV84
	CAHOON POND	1D2-078	41-43'32"N	70-02'07"W	06NOV84
	CHARGE POND	1D1-036	41-49'00"N	70-40'30"W	07NOV84
	CHEBACCO LAKE	1D3-063	42-36'47"N	70-48'30"W	31OCT84
	COY POND	1D3-065	42-35'32"N	70-49'22"W	31OCT84
	CROCKER POND	1D3-004	42-31'40"N	71-51'15"W	08NOV84
	CROCKER POND	1D3-024	42-04'00"N	71-17'45"W	04NOV84
	CUSKY POND	1D2-087	42-19'25"N	72-05'32"W	03NOV84
	DARK BROOK RESERVOIR	1D3-017	42-11'30"N	71-51'45"W	08NOV84
	DEAN POND	1D1-007	42-20'45"N	72-01'30"W	08NOV84
	DYKES POND	1D3-002	42-36'15"N	70-43'46"W	31OCT84
	EZEKIEL POND	1D1-037	41-48'15"N	70-36'45"W	07NOV84
	FLAX POND	1D1-039	41-43'00"N	70-11'20"W	06NOV84
	FLAX POND	1D2-029	41-41'20"N	70-35'45"W	07NOV84
	FORGE POND	1D2-023	41-55'05"N	70-36'40"W	12NOV84
	FRESH MEADOW POND	1D1-030	41-55'12"N	70-44'30"W	12NOV84
	GIBBS POND	1D2-043	41-16'25"N	70-01'00"W	06NOV84
	GOOSE POND	1D1-012	42-00'30"N	72-46'37"W	08NOV84
	GOOSE POND	1D2-012	42-17'00"N	73-12'00"W	07NOV84
	GOOSE POND	1D2-084	41-41'38"N	70-00'28"W	06NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MASSACHUSETTS (cont)	GORE POND	1D2-010	42-05'00"N	71-57'00"W	08NOV84
	GREAT PONDS (SOUTHERN)	1D3-008	42-23'30"N	72-36'22"W	08NOV84
	GREENWOOD POND	1D2-005	42-33'15"N	71-57'15"W	08NOV84
	GUSHEE POND	1D3-028	41-56'30"N	71-01'45"W	04NOV84
	HALFWAY POND	1D1-035	41-51'15"N	70-37'15"W	12NOV84
	HAMBLIN POND	1D2-076	41-40'04"N	70-24'35"W	07NOV84
	HAMILTON RESERVOIR	1D1-014	42-02'19"N	72-09'16"W	03NOV84
	HOVEYS POND	1C3-061	42-43'05"N	71-04'37"W	31OCT84
	ISLAND POND	1D1-033	41-54'00"N	70-38'30"W	12NOV84
	JOHNSONS POND	1C3-047	42-43'45"N	71-03'15"W	31OCT84
	KENDALL RESERVOIR	1D1-008	42-20'30"N	71-53'30"W	12NOV84
	KENOZA LAKE	1C3-045	42-47'15"N	71-03'30"W	31OCT84
	KINGS POND	1D1-031	41-54'40"N	70-42'15"W	12NOV84
	LAKE GEORGE	1D3-023	42-03'30"N	72-13'20"W	03NOV84
	LAKE WAMPONOAG	1C2-054	42-37'02"N	71-57'45"W	08NOV84
	LARKUM POND	1D1-009	42-09'50"N	73-03'30"W	07NOV84
	LINCOLN POND	1C1-068	42-40'10"N	71-54'45"W	03NOV84
	LITTLE ALUM POND	1D3-020	42-07'45"N	72-09'15"W	03NOV84
	LITTLE HERRING POND	1D1-038	41-49'30"N	70-34'30"W	07NOV84
	LITTLE QUITTACAS POND	1D2-025	41-47'30"N	70-55'00"W	06NOV84
	LITTLE SANDY POND	1D1-068	41-47'47"N	70-36'13"W	07NOV84
	LITTLE WEST POND	1D1-056	41-55'17"N	70-42'24"W	12NOV84
	LONG POND	1D2-059	41-56'40"N	70-00'20"W	06NOV84
	MAQUAN POND	1D2-017	42-03'45"N	70-51-10"W	13NOV84
	MASSAPOAG LAKE	1D2-015	42-06'15"N	71-10'30"W	04NOV84
	MICAH POND	1D2-036	41-38'20"N	70-22'45"W	07NOV84
	MOORES POND	1C2-050	42-39'20"N	72-20'50"W	03NOV84
	MOREY HOLE	1D2-060	41-52'03"N	70-33'29"W	07NOV84
	NEWFIELD POND	1C3-050	42-38'00"N	71-23'20"W	31OCT84
	PACKARD POND	1C1-070	42-38'00"N	72-14'00"W	03NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MASSACHUSETTS (cont)	PATTAQUATTIC POND	1D2-065	42-12'45"N	72-18'39"W	03NOV84
	PELHAM LAKE	1C3-030	42-42'00"N	72-53'30"W	07NOV84
	PLASHES POND	1D2-031	41-40'15"N	70-13'15"W	07NOV84
	PONTOOSUC LAKE	1C3-073	42-30'00"N	73-15'00"W	07NOV84
	QUABBIN RESERVOIR	1D1-004	42-25'00"N	72-17'30"W	03NOV84
	QUEEN LAKE	1D1-003	42-32'00"N	72-07'00"W	08NOV84
	ROBBINS POND	1D1-046	41-42'20"N	70-06'40"W	06NOV84
	ROCKY POND	1D1-034	41-53'10"N	70-41'45"W	12NOV84
	ROUND POND	1D1-061	41-51'08"N	70-36'17"W	07NOV84
	SANDY POND	1D2-027	41-46'20"N	70-39'15"W	07NOV84
	SANDY POND	1D3-003	42-33'45"N	71-33'15"W	31OCT84
	SANTUIT POND	1D1-062	41-39'14"N	70-27'30"W	07NOV84
	SHALLOW POND	1D2-030	41-40'30"N	70-19'30"W	07NOV84
	SHALLOW POND	1D2-053	41-36'33"N	70-35'10"W	07NOV84
	SIBLEY PONDS (NORTHERN)	1D2-009	42-09'00"N	72-00'37"W	03NOV84
	SNOW POND	1D1-064	42-26'54"N	71-50'50"W	08NOV84
	SNOWS POND	1D2-094	41-45'30"N	70-51'10"W	06NOV84
	SPECTACLE POND	1D1-043	41-42'15"N	70-27'30"W	07NOV84
	STETSON POND	1D2-074	42-01'40"N	70-49'39"W	13NOV84
	STEVENS POND	1D3-001	42-41'00"N	70-59'55"W	31OCT84
	STONY BROOK POND	1D2-077	42-06'34"N	71-19'17"W	04NOV84
	STREETER POND	1D1-052	42-20'11"N	71-54'33"W	12NOV84
	STUART POND	1D3-006	42-29'00"N	71-49'45"W	08NOV84
	SWANS POND	1D3-088	42-07'25"N	71-42'10"W	08NOV84
	THE RESERVOIR	1D2-024	41-51'45"N	70-56'30"W	06NOV84
	UPPER MILLPOND	1D1-054	41-43'51"N	70-07'00"W	06NOV84
	WARREN UPPER RESERVOIR	1D3-031	41-49'45"N	71-13'15"W	04NOV84
	WATCHA POND	1D2-064	41-21'17"N	70-36'47"W	06NOV84
	WEST LAKE	1D3-019	42-08'00"N	73-09'45"W	07NOV84
	WESTBORO RESERVOIR	1D3-068	42-14'27"N	71-36'22"W	08NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MASSACHUSETTS (cont)	WESTEND POND	1D2-040	41-27'45"N	70-47'45"W	06NOV84
	WHITE POND	1D1-060	41-42'07"N	70-08'02"W	06NOV84
	WHITE POND	1D2-081	42-23'28"N	71-28'52"W	04NOV84
	WHITEHALL POND	1D1-006	42-22'15"N	71-59'45"W	03NOV84
	WINGS POND	1D2-034	41-37'36"N	70-37'35"W	07NOV84
MICHIGAN	(NO NAME)	2B1-038	46-30'42"N	86-09'10"W	20OCT84
	(NO NAME)	2B2-010	46-52'29"N	88-52'07"W	03NOV84
	(NO NAME)	2B2-012	46-50'32"N	88-52'10"W	03NOV84
	(NO NAME)	2B2-018	46-39'51"N	88-09'37"W	14OCT84
	(NO NAME)	2B2-024	46-38'05"N	88-12'32"W	14OCT84
	(NO NAME)	2B2-032	46-35'15"N	88-09'00"W	14OCT84
	(NO NAME)	2B2-052	46-36'49"N	88-15'16"W	14OCT84
	(NO NAME)	2B2-054	46-39'37"N	88-12'00"W	14OCT84
	(NO NAME)	2B2-055	46-28'05"N	86-11'30"W	20OCT84
	(NO NAME)	2B2-060	46-55'19"N	88-48'30"W	18OCT84
	(NO NAME)	2B2-061	46-35'38"N	88-08'30"W	14OCT84
	(NO NAME)	2B2-064	46-35'09"N	87-57'27"W	14OCT84
	(NO NAME)	2B2-082	46-51'41"N	88-50'48"W	03NOV84
	(NO NAME)	2B2-087	46-31'53"N	85-36'07"W	23OCT84
	(NO NAME)	2B3-055	46-15'52"N	86-39'37"W	25OCT84
	(NO NAME)	2B3-067	47-55'15"N	88-59'00"W	20OCT84
	ALLEN LAKE	2C2-011	46-13'30"N	89-10'25"W	04NOV84
	ANDERSON LAKE	2B3-032	46-13'22"N	87-29'30"W	16OCT84
	BALCOMB LAKE	2C1-001	46-23'02"N	88-57'15"W	03NOV84
	BASS LAKE	2B2-043	46-27'50"N	85-43'00"W	24OCT84
	BASS LAKE	2B3-016	46-31'44"N	88-08'33"W	14OCT84
	BASS LAKE	2C3-022	46-02'45"N	88-46'15"W	25OCT84
	BASS LAKE	2D3-049	44-48'06"N	84-53'01"W	22OCT84
	BEAVERTOWN LAKES (LG.MID)	2B2-076	46-34'18"N	85-44'20"W	24OCT84
	BIG BEAR LAKE	2B2-063	46-37'54"N	88-04'55"W	17OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MICHIGAN (cont)	BLUE LAKE	2D3-056	44-44'47"N	85-09'30"W	22OCT84
	BOHMIER LAKE	2B2-078	46-50'05"N	88-52'47"W	03NOV84
	BONE LAKE	2B3-023	46-22'30"N	88-18'22"W	14OCT84
	BUTO LAKE	2B3-020	46-26'44"N	87-59'45"W	16OCT84
	CAMP 10 LAKE	2B3-075	46-40'55"N	88-09'30"W	14OCT84
	CASEY LAKE	2B3-027	46-17'20"N	87-55'00"W	16OCT84
	CASTLE LAKE	2C1-057	46-18'56"N	89-04'27"W	03NOV84
	CATARACT BASIN	2B3-028	46-18'50"N	87-31'00"W	16OCT84
	CLAIR LAKE	2B2-026	46-37'32"N	88-11'25"W	14OCT84
	CLEAR SLOUGH	2B3-043	46-02'25"N	86-12'30"W	24OCT84
	CLIFF LAKE	2B3-004	46-50'54"N	87-58'24"W	17OCT84
	CLIFFORD LAKE	2D3-046	45-01'40"N	84-38'10"W	22OCT84
	CLYDE LAKE	2B1-060	46-32'30"N	86-10'00"W	20OCT84
	CORNELIA LAKE	2C3-006	46-16'05"N	89-30'10"W	04NOV84
	CORNER LAKE	2B2-084	46-40'50"N	88-04'30"W	17OCT84
	CRANBERRY LAKE	2B2-049	46-27'06"N	86-11'02"W	20OCT84
	CROOKED LAKE	2B2-067	46-36'11"N	88-09'21"W	14OCT84
	CROOKED LAKE	2C3-012	46-13'53"N	89-17'17"W	04NOV84
	DAM LAKE	2B3-036	46-10'57"N	86-43'15"W	25OCT84
	DEADMAN LAKE	2B1-055	46-32'41"N	86-03'00"W	23OCT84
	DEADMANS LAKE	2B2-051	46-26'26"N	85-41'47"W	23OCT84
	DEER LAKE	2B2-091	46'30'25"N	86-14'35"W	20OCT84
	DEER LAKE	2B3-003	47-21'15"N	88-02'15"W	18OCT84
	DELENE LAKE	2B2-098	46-32'29"N	88-24'19"W	17OCT84
	DEVILS HEAD LAKE	2C2-057	46-12'55"N	89-14'30"W	04NOV84
	DINNER LAKE	2C2-017	46-12'00"N	89-08'00"W	04NOV84
	DISHNO LAKE	2B2-031	46-37'30"N	87-55'53"W	13OCT84
	DONKEN LAKE	2B2-009	46-55'53"N	88-47'58"W	18OCT84
	EAST LAKE	2B3-018	46-31'53"N	85-59'20"W	23OCT84
	EATON LAKE	2D3-044	45-10'00"N	85-16'15"W	22OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MICHIGAN (cont)	ELEVENMILE LAKE	2B2-090	47-00'57"N	88-42'30"W	18OCT84
	ESTES LAKE	2B1-031	46-33'31"N	88-45'18"W	03NOV84
	EVERGREEN LAKE	2B2-095	46-42'39"N	88-02'09"W	17OCT84
	EWATT LAKE	2B1-068	46-33'00"N	86-10'48"W	20OCT84
	FAWN LAKE	2B2-083	46-30'02"N	86-17'49"W	20OCT84
	FOREST LAKE	2C1-004	46-19'35"N	88-57'05"W	03NOV84
	FOX LAKE	2B3-013	46-35'32"N	86-02'04"W	20OCT84
	FRENCHMANS LAKE	2B3-052	46-21'42"N	85-21'00"W	23OCT84
	FULLER LAKE	2B1-063	46-35'15"N	88-47'05"W	03NOV84
	GIBSON LAKE	2D3-023	46-11'59"N	88-26'35"W	03NOV84
	GINSEL LAKE	2D3-047	44-59'32"N	84-29'52"W	22OCT84
	GOPHER LAKE	2B1-061	46-31'12"N	86-03'30"W	23OCT84
	GRAND SABLE LAKE	2B3-009	46-38'15"N	86-02'30"W	20OCT84
	GRASS LAKE	2B3-061	46-14'17"N	85-23'28"W	22OCT84
	GUDEGAST LAKE	2C2-016	46-10'08"N	89-09'27"W	04NOV84
	GUIDES LAKE	2C3-011	46-14'20"N	89-27'40"W	04NOV84
	HALL LAKE	2B2-008	46-59'40"N	88-45'34"W	18OCT84
	HASSCIB LAKE	2B2-065	46-37'56"N	88-01'25"W	17OCT84
	HAWK LAKE	2C3-002	46-19'10"N	89-44'15"W	06NOV84
	HEART LAKE	2C2-001	46-21'20"N	89-44'45"W	06NOV84
	HERBERT LAKE	2B2-100	46-39'00"N	88-06'25"W	17OCT84
	HILLTOP LAKE	2C2-010	46-14'22"N	89-14'00"W	04NOV84
	HONEYSUCKLE LAKE	2C2-002	46-16'12"N	89-43'32"W	09OCT84
	INKPOT LAKE	2C3-053	46-13'44"N	89-30'21"W	04NOV84
	ISHKOTE LAKE	2C1-010	46-07'25"N	88-59'30"W	10OCT84
	ISLAND LAKE	2B3-007	46-40'18"N	87-47'10"W	13OCT84
	ISLAND LAKE	2B3-030	46-16'05"N	86-38'51"W	25OCT84
	JACKSON LAKE	2D3-045	45-05'10"N	84-09'40"W	22OCT84
	JOHNS LAKES (WESTERN)	2B3-051	46-31'50"N	85-54'16"W	23OCT84
	JOHNSON LAKE	2B1-047	46-25'30"N	85-02'38"W	22OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MICHIGAN (cont)	KETCHUM LAKE	2C3-007	46-16'10"N	88-49'50"W	03NOV84
	KING LAKE	2B2-016	46-31'14"N	88-24'30"W	17OCT84
	KLONDIKE LAKE	2B3-034	46-13'18"N	86-30'10"W	25OCT84
	KUJAWA LAKE	2D3-066	44-59'29"N	84-26'47"W	22OCT84
	LAKE ANNIE	2B3-058	47-10'39"N	88-35'25"W	18OCT84
	LAKE EVA	2B2-034	47-01'15"N	88-45'52"W	18OCT84
	LAKE GOGEBIC	2C3-001	46-30'00"N	89-35'00"W	04NOV84
	LAKE GORDON	2B2-020	46-41'53"N	88-02'16"W	17OCT84
	LAKE NITA	2B1-035	46-33'00"N	86-03'51"W	20OCT84
	LAKE RAYMOND	2B2-097	46-39'38"N	87-58'25"W	14OCT84
	LAKE THERESA	2B3-001	48-02'05"N	88-37'50"W	20OCT84
	LAMBERT LAKE	2B1-066	46-30'33"N	86-05'08"W	20OCT84
	LAURIE LAKES (SE)	2B3-014	46-35'49"N	85-04'30"W	23OCT84
	LITTLE WHITE GOAT LAKE	2B2-029	46-35'56"N	88-04'16"W	17OCT84
	LOG LAKE	2B2-033	46-35'15"N	87-55'45"W	13OCT84
	LOIS LAKE	2C2-051	46-11'52"N	89-15'00"W	04NOV84
	LONG LAKE	2B1-042	46-30'08"N	86-05'17"W	20OCT84
	LONG LAKE	2B3-022	46-27'28"N	85-49'02"W	23OCT84
	LOST LAKE	2B3-005	46-44'03"N	88-21'42"W	17OCT84
	MALLARD LAKE	2B1-064	46-33'51"N	86-06'36"W	20OCT84
	MARION LAKE	2C2-008	46-15'52"N	89-05'15"W	03NOV84
	MARKEY LAKE	2B1-029	46-34'22"N	88-46'55"W	03NOV84
	MARSH LAKE	2C2-015	46-11'20"N	89-15'00"W	04NOV84
	MCDONALD LAKE	2B3-077	45-59'00"N	85-58'28"W	24OCT84
	MCNEARNEY LAKE	2B1-048	46-25'35"N	84-57'30"W	22OCT84
	MICHIGAMME BASIN	2B3-070	46-23'36"N	87-59'19"W	16OCT84
	MOCCASIN LAKE	2C3-010	46-14'06"N	89-30'45"W	04NOV84
	MUD LAKE	2B3-062	46-16'38"N	84-30'08"W	22OCT84
	NELLIGAN LAKE	2B3-079	46-33'50"N	88-08'07"W	14OCT84
	NELSON LAKE	2B3-035	46-13'42"N	85-22'50"W	22OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MICHIGAN (cont)	NUGENT LAKE	2B1-036	46-31'42"N	86-11'38"W	20OCT84
	OPAL LAKE	2C2-012	46-15'00"N	89-07'45"W	03NOV84
	OSTRANDER LAKE	2B3-071	46-10'05"N	86-36'43"W	25OCT84
	OTTER LAKE	2B2-038	46-35'45"N	85-39'32"W	24OCT84
	OWL LAKE	2B1-043	46-30'24"N	86-04'20"W	20OCT84
	PAINT LAKE	2C3-003	46-21'00"N	88-53'15"W	03NOV84
	PARLEMEE LAKE	2D3-022	46-13'40"N	88-00'45"W	13OCT84
	PEACOCK LAKE	2B3-042	46-04'42"N	86-47'58"W	25OCT84
	PEANUT LAKE	2B2-062	46-26'39"N	85-43'28"W	24OCT84
	PECK AND RYE LAKE	2B1-052	46-23'50"N	84-58'00"W	22OCT84
	PENEGOR LAKE	2B1-065	46-36'55"N	88-51'36"W	03NOV84
	PINE LAKE	2B2-079	46-58'57"N	88-43'07"W	18OCT84
	PINERY LAKES (LARGEST)	2B3-056	46-46'03"N	88-23'30"W	17OCT84
	PRETTY LAKE	2B2-070	46-36'05"N	85-39'37"W	24OCT84
	QUINLAN LAKE	2B2-044	46-25'39"N	85-46'31"W	23OCT84
	ROBINSON LAKE	2C1-005	46-21'20"N	88-55'00"W	03NOV84
	ROSS LAKE	2B3-069	46-28'50"N	86-15'30"W	20OCT84
	ROUND LAKE	2B3-012	46-33'24"N	87-56'52"W	14OCT84
	RUMBLE LAKE	2B3-037	46-11'00"N	86-33'33"W	25OCT84
	SAGE LAKES (LG CENTRAL)	2D3-048	44-53'30"N	84-09'10"W	22OCT84
	SECTION FOUR LAKE	2B3-008	46-40'26"N	85-18'15"W	23OCT84
	SECTION 5 LAKE	2B2-019	46-40'14"N	88-05'05"W	17OCT84
	SLEEPER LAKE	2B2-041	46-30'33"N	85-33'07"W	23OCT84
	SOLDIER LAKE	2B1-050	46-20'57"N	84-51'59"W	22OCT84
	SPRING LAKE	2B1-046	46-29'37"N	86-06'59"W	20OCT84
	SPRING LAKE	2B3-059	46-05'38"N	86-32'16"W	25OCT84
	SPRUCE LAKE	2B1-044	46-31'03"N	86-04'00"W	23OCT84
	STONINGTON LAKE	2B2-088	46-57'47"N	88-47'10"W	18OCT84
	STROUBLE LAKE	2B3-039	46-08'50"N	85-11'45"W	22OCT84
	STUART LAKE	2B3-072	46-11'53"N	85-51'10"W	24OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MICHIGAN (cont)	STUMP LAKE	2B3-054	46-18'55"N	87-23'38"W	16OCT84
	SWAMP LKS.(LG.EAST)	2B3-076	46-36'20"N	85-23'39"W	23OCT84
	TAYLOR LAKE	2C2-013	46-14'55"N	89-02'30"W	03NOV84
	TEAL LAKE	2B1-034	46-33'57"N	86-05'33"W	20OCT84
	TIGHE LAKE	2B3-049	45-54'28"N	86-26'58"W	24OCT84
	TINSEL LAKE	2C1-003	46-21'40"N	88-58'55"W	03NOV84
	TOIVOLA LAKES (WEST)	2B2-007	46-59'14"N	88-48'01"W	18OCT84
	TRIANGLE LAKE	2B1-041	46-31'48"N	86-05'37"W	23OCT84
	TWIN LAKE	2B3-057	46-27'50"N	87-59'57"W	16OCT84
	TWIN LAKES	2B3-031	46-18'29"N	85-32'00"W	22OCT84
	UPPER BARAGA LAKE	2B2-066	46-40'52"N	88-01'57"W	17OCT84
	VAN LAKE	2B2-053	46-35'55"N	88-13'35"W	14OCT84
	WEST BRANCH LAKES (SE)	2B1-040	46-30'44"N	86-05'46"W	20OCT84
	WEST BRANCH LAKES (SW)	2B1-039	46-30'38"N	86-06'18"W	20OCT84
	WHITE DEER LAKE	2B2-021	46-40'30"N	88-00'00"W	17OCT84
	WISE LAKE	2B1-037	46-31'35"N	86-10'23"W	20OCT84
MINNESOTA (cont)	(NO NAME)	2A1-046	48-15'40"N	92-09'50"W	18OCT84
	(NO NAME)	2A2-029	48-02'10"N	90-48'10"W	29OCT84
	(NO NAME)	2A3-006	48-09'00"N	90-56'40"W	24OCT84
	(NO NAME)	2A3-081	47-29'40"N	92-36'30"W	07OCT84
	(NO NAME)	2D2-008	46-19'30"N	92-51'45"W	28OCT84
	(NO NAME)	2D2-011	46-07'40"N	92-55'05"W	28OCT84
	(NO NAME)	2D2-080	46-11'42"N	92-59'02"W	28OCT84
	(NO NAME)	2D3-017	46-23'30"N	93-58'00"W	14OCT84
	ADELE LAKE	2D2-058	47-28'14"N	93-39'14"W	28OCT84
	AGASSA LAKE	2A1-014	48-03'15"N	91-57'00"W	18OCT84
	AMBER LAKE	2A2-013	47-57'15"N	91-11'00"W	23OCT84
	AMBUSH LAKE	2A3-068	48-10'22"N	90-51'38"W	24OCT84
	ANGLEWORM LAKE	2A1-047	48-05'15"N	91-53'20"W	30OCT84
	BAKEKANA LAKE	2A2-026	48-02'55"N	91-09'15"W	23OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MINNESOTA (cont)	BALD EAGLE LAKE	2A2-052	47-49'55"N	91-33'15"W	16OCT84
	BALL CLUB LAKE	2A2-020	47-54'46"N	90-29'37"W	01NOV84
	BALLON LAKE	2D2-001	47-29'00"N	93-40'00"W	28OCT84
	BARTO LAKE	2A1-050	47-54'45"N	90-57'30"W	24OCT84
	BEAR ISLAND LAKE	2A3-040	47-46'15"N	92-00'00"W	08OCT84
	BEARTRACK LAKE	2A1-006	48-18'07"N	92-12'00"W	18OCT84
	BECOOSIN LAKE	2A2-012	47-56'53"N	91-23'36"W	16OCT84
	BEDFORD LAKE	2A3-077	48-03'13"N	91-15'36"W	23OCT84
	BENCH LAKE	2A2-002	48-03'20"N	90-14'15"W	29OCT84
	BERGEN LAKE	2D3-010	46-59'36"N	92-19'15"W	07OCT84
	BIG LAKE	2A1-011	48-05'00"N	92-00'15"W	30OCT84
	BIG RICE LAKE	2A1-048	48-01'45"N	92-01'30"W	17OCT84
	BLACKWOOD LAKE	2D3-064	46-46'48"N	92-53'10"W	13OCT84
	BLUEBILL LAKE	2A3-024	47-35'53"N	91-12'16"W	20OCT84
	BONITA LAKE	2A2-055	48-00'37"N	90-59'30"W	24OCT84
	BOOTLEG LAKE	2A1-059	48-02'30"N	92-11'50"W	17OCT84
	BOYS LAKE	2A3-058	47-52'25"N	90-13'11"W	20OCT84
	BUCK LAKE	2A1-018	47-58'00"N	92-11'53"W	17OCT84
	BUCKSHOT LAKE	2A3-083	47-53'48"N	92-08'53"W	22OCT84
	BULGE LAKE	2A3-045	47-47'27"N	90-45'48"W	29OCT84
	BURNTSIDE LAKE	2A2-046	47-55'45"N	92-00'00"W	16OCT84
	BURT LAKE	2A2-011	48-00'35"N	90-48'35"W	29OCT84
	CARIBOU LAKE	2A3-009	48-04'15"N	90-18'45"W	29OCT84
	CAVITY LAKE	2A3-053	48-05'52"N	90-59'45"W	24OCT84
	CHESTER LAKE	2A1-023	47-59'03"N	90-05'00"W	01NOV84
	CLEAR LAKE	2D2-059	46-18'09"N	92-52'49"W	28OCT84
	COMSTOCK LAKE	2D3-052	47-13'15"N	92-13'30"W	13OCT84
	COOK COUNTY LAKE	2A3-002	48-06'05"N	91-02'05"W	23OCT84
	CORNER LAKE	2A3-079	48-16'55"N	92-46'45"W	21OCT84
	CROOKED LAKE	2D2-012	46-07'15"N	92-33'00"W	28OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MINNESOTA (cont)	CUMMINGS LAKE	2A1-044	47-59'30"N	92-05'00"W	22OCT84
	DEEPWATER LAKE	2A3-057	47-37'15"N	92-49'30"W	07OCT84
	DIX LAKE	2A3-082	48-04'15"N	91-14'00"W	23OCT84
	ECHO LAKE	2A3-043	48-10'30"N	92-28'30"W	21OCT84
	ELLA LAKE	2A1-027	47-52'15"N	90-57'10"W	23OCT84
	ELUSION LAKE	2A3-007	48-05'24"N	90-55'15"W	24OCT84
	EUGENE LAKE	2A1-028	48-18'30"N	92-13'10"W	18OCT84
	FAIRY LAKE	2A1-012	48-06'15"N	91-49'50"W	17OCT84
	FALLS LAKES (NORTHERN)	2A3-062	47-44'25"N	92-10'45"W	08OCT84
	FAMINE LAKE	2A2-015	47-57'50"N	90-43'00"W	29OCT84
	FAULT LAKE	2A2-032	48-02'15"N	90-07'30"W	29OCT84
	FINSTAD LAKE	2A2-008	48-05'00"N	92-26'35"W	21OCT84
	FLICKER LAKE	2A2-036	48-01'00"N	90-36'40"W	29OCT84
	FRANKLIN LAKE	2A3-005	48-18'00"N	92-37'00"W	21OCT84
	FUN LAKE	2A2-003	48-00'10"N	90-44'20"W	29OCT84
	GATE LAKE	2A3-054	47-41'00"N	92-41'30"W	07OCT84
	GERALDINE LAKE	2A1-020	47-57'50"N	92-00'45"W	16OCT84
	GRASS LAKE	2D2-010	46-09'55"N	92-58'20"W	28OCT84
	GREEN LAKE	2A2-054	48-04'12"N	90-54'00"W	24OCT84
	GREENWOOD LAKE	2A1-036	48-00'00"N	90-10'45"W	01NOV84
	GUN LAKE	2A1-054	48-19'34"N	92-12'05"W	18OCT84
	HARMONY LAKE	2A3-010	48-00'10"N	91-13'07"W	23OCT84
	HARVEY LAKE	2A3-032	47-23'30"N	92-31'20"W	07OCT84
	HASSEL LAKE	2A1-019	47-56'30"N	92-06'00"W	16OCT84
	HAUNTED LAKE	2A1-005	48-18'45"N	92-11'15"W	18OCT84
	HERITAGE LAKE	2A1-030	48-13'30"N	92-12'45"W	30OCT84
	HOE LAKE	2A2-033	48-01'00"N	91-03'45"W	24OCT84
	HOOK LAKE	2A1-057	48-01'12"N	91-59'15"W	22OCT84
	HOPKINS LAKE	2A1-015	48-04'07"N	91-53'00"W	30OCT84
	HORN LAKE	2A2-023	47-51'13"N	90-47'37"W	29OCT84

(continued)

TABLE. 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MINNESOTA (cont)	HORSESHOE LAKE	2A2-043	47'52'38"N	91-25'30"W	16OCT84
	HUMPBACK LAKE	2A2-004	47-59'10"N	91-05'50"W	23OCT84
	HUNCH LAKE	2A1-038	48-01'55"N	91-56'07"W	22OCT84
	JAM LAKE	2A2-034	48-01'07"N	90-58'00"W	24OCT84
	JAMMER LAKE	2A3-020	47-39'25"N	92-36'30"W	07OCT84
	JAVA LAKE	2A2-040	47-56'00"N	90-52'30"W	23OCT84
	JOHNSON LAKE	2A3-016	47-42'15"N	93-05'50"W	07OCT84
	JORGENS LAKE	2A2-059	48-29'04"N	92-50'45"W	21OCT84
	KARL LAKE	2A2-035	48-01'15"N	90-46'15"W	29OCT84
	KAWISHIWI LAKE	2A1-026	47-50'35"N	91-06'30"W	23OCT84
	KNIGHT LAKE	2A1-037	47-52'30"N	91-01'10"W	23OCT84
	LAKE AGNES	2A1-032	48-13'15"N	92-03'30"W	18OCT84
	LEGEND LAKE	2A1-002	48-09'10"N	92-03'15"W	18OCT84
	LITTLE CRAB LAKE	2A1-043	47-57'20"N	92-04'30"W	16OCT84
	LITTLE PINE LAKE	2D3-013	46-42'15"N	94-04'00"W	14OCT84
	LOFT LAKE	2A1-022	48-00'45"N	90-04'05"W	01NOV84
	LONG LAKE	2D3-004	47-24'50"N	93-36'50"W	28OCT84
	LONG LAKE	2D3-014	46-38'50"N	93-27'30"W	13OCT84
	LONGLEG LAKE	2A1-056	47-54'50"N	90-56'37"W	24OCT84
	LOUIS LAKE	2A1-003	48-02'38"N	91-49'07"W	17OCT84
	LOWER TROUT LAKE	2A2-048	47-56'33"N	90-27'07"W	29OCT84
	LUCKY FINN LAKE	2A1-029	48-16'35"N	92-10'45"W	18OCT84
	MAGIC LAKE	2A1-024	47-53'20"N	90-57'15"W	24OCT84
	MAJESTIC LAKE	2A3-064	47-27'35"N	92-37'42"W	07OCT84
	MALBERG LAKE	2A2-057	47-57'03"N	91-08'07"W	23OCT84
	MCDIVITT LAKE	2A2-050	48-30'53"N	92-44'30"W	21OCT84
	MCDONALD LAKE	2D3-001	47-39'45"N	93-37'00"W	13OCT84
	MEAT LAKE	2A2-058	47-55'07"N	92-05'48"W	16OCT84
	MEDLEY LAKE	2A1-017	48-01'15"N	92-02'30"W	17OCT84
	MOON LAKE	2D3-003	47-32'20"N	93-29'40"W	14OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MINNESOTA (cont)	MOOSE LAKE	2A3-034	48-18'50"N	92-41'15"W	21OCT84
	MOOSE LAKE	2A3-044	48-00'00"N	91-30'00"W	16OCT84
	MOOSE LAKE	2A3-078	47-33'41"N	91-08'00"W	20OCT84
	MOSS LAKE	2A3-055	48-04'00"N	90-28'30"W	01NOV84
	MULE LAKE	2A1-060	48-08'15"N	92-02'15"W	18OCT84
	MURPHY LAKE	2D3-006	47-18'00"N	92-29'45"W	07OCT84
	NIBIN LAKE	2A1-010	48-10'45"N	91-59'00"W	18OCT84
	NISWI LAKE	2A1-016	48-01'10"N	92-08'00"W	17OCT84
	NOKAY LAKE	2D3-068	46-22'30"N	93-58'00"W	14OCT84
	NORTH STAR LAKE	2D3-069	47-33'30"N	93-39'40"W	14OCT84
	OGISHKEMUNCIE LAKE	2A3-036	48-05'15"N	91-04'30"W	23OCT84
	OLE LAKE	2A1-053	47-58'37"N	92-01'45"W	16OCT84
	ORIOLE LAKE	2A1-025	47-54'45"N	90-55'30"W	24OCT84
	OWL LAKE	2A2-028	48-02'25"N	90-54'30"W	24OCT84
	OYSTER LAKE	2A1-031	48-13'30"N	92-06'00"W	18OCT84
	PARTRIDGE LAKE	2A3-085	48-05'03"N	90-29'15"W	29OCT84
	PEAR LAKE	2A2-009	48-04'10"N	91-07'10"W	23OCT84
	PHOSPOR LAKE	2A2-022	47-50'07"N	91-29'07"W	16OCT84
	PICKEREL LAKE	2A3-070	47-55'07"N	91-40'00"W	16OCT84
	PICKET LAKE	2A1-039	48-01'48"N	91-50'45"W	17OCT84
	PINE LAKE	2A1-049	47-56'15"N	92-15'00"W	17OCT84
	PLACID LAKE	2A3-041	47-47'45"N	91-14'58"W	17OCT84
	POE LAKE	2A2-014	47-57'15"N	90-57'15"W	24OCT84
	POSSE LAKE	2A1-009	48-15'00"N	92-09'45"W	18OCT84
	PRAIRIE LAKE	2D3-012	46-47'30"N	92-54'15"W	13OCT84
	PURVIS LAKE	2A3-013	47-49'30"N	92-00'30"W	22OCT84
	RAGGED LAKE	2A2-062	48-00'32"N	90-51'30"W	29OCT84
	RAINY LAKE	2A3-061	48-34'30"N	92-54'00"W	21OCT84
	RAMSHEAD LAKE	2A1-033	48-10'45"N	92-06'30"W	18OCT84
	RANIER LAKE	2D3-002	47-35'30"N	93-41'10"W	14OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MINNESOTA (cont)	RICE LAKE	2A1-040	48-01'20"N	91-58'20"W	22OCT84
	RIDGEPOLE LAKE	2A3-074	47-32'45"N	91-43'00"W	08OCT84
	ROUND LAKE	2A2-007	48-08'40"N	91-42'45"W	17OCT84
	RUBY LAKE	2A1-008	48-13'45"N	92-10'20"W	30OCT84
	SANDPIT LAKE	2A2-005	48-02'20"N	91-47'30"W	17OCT84
	SAUNA LAKE	2A2-045	48-08'35"N	91-44'37"W	17OCT84
	SCHLAMM LAKE	2A1-042	47-57'10"N	92-08'15"W	17OCT84
	SEA GULL LAKE	2A3-035	48-07'30"N	90-56'15"W	24OCT84
	SEAHORSE LAKE	2A2-010	48-04'33"N	90-56'55"W	24OCT84
	SEAL LAKE	2A2-001	48-02'15"N	90-43'13"W	29OCT84
	SERENADE LAKE	2A1-013	48-03'15"N	92-09'00"W	17OCT84
	SHELL LAKE	2A1-051	48-12'15"N	92-12'30"W	30OCT84
	SLETTEN LAKE	2A1-004	47-59'40"N	91-53'00"W	30OCT84
	SLIM LAKE	2A1-045	48-17'40"N	92-15'00"W	18OCT84
	SMALL LAKE	2A3-052	47-46'25"N	91-13'50"W	17OCT84
	SNOWBANK LAKE	2A3-069	48-00'00"N	91-25'00"W	16OCT84
	SNOWSHOE LAKE	2D2-075	46-04'56"N	93-15'00"W	28OCT84
	SOCK LAKE	2A3-015	47-44'50"N	92-00'40"W	08OCT84
	SPRING LAKE	2D3-008	47-07'25"N	93-52'45"W	14OCT84
	STEVENS LAKE	2D3-055	47-20'00"N	93-42'30"W	28OCT84
	STUART LAKE	2A1-034	48-11'15"N	92-00'15"W	18OCT84
	STUART LAKE	2A3-076	47-33'50"N	93-02'50"W	14OCT84
	SUNFISH LAKE	2A1-055	47-59'30"N	90-09'15"W	01NOV84
	TAMARACK LAKE	2A3-011	47-53'30"N	92-06'30"W	16OCT84
	TEE LAKE	2A1-041	48-00'00"N	91-52'45"W	22OCT84
	THIRD LAKE	2A1-035	48-06'00"N	92-00'30"W	18OCT84
	TRAP LAKE	2A2-031	48-01'40"N	90-21'45"W	29OCT84
	TRIDENT LAKE	2A3-008	48-03'10"N	91-21'20"W	23OCT84
	TROUT LAKE	2A2-044	47-57'30"N	92-18'45"W	17OCT84
	TURTLE LAKE	2A2-061	47-51'15"N	91-33'08"W	16OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MINNESOTA (cont)	TWO DEER LAKE	2A3-046	47-41'15"N	91-34'25"W	08OCT84
	VANCE LAKE	2A2-016	47-57'47"N	90-35'52"W	29OCT84
	WARD LAKE	2A3-004	47-42'55"N	90-37'59"W	20OCT84
	WASHUSK LAKE #1	2D3-007	47-14'55"N	92-16'52"W	13OCT84
	WEASEL LAKE	2A2-018	47-53'47"N	91-31'00"W	16OCT84
	WEST PIKE LAKE	2A3-037	48-05'15"N	90-12'15"W	29OCT84
	WEST TWO RIVER RES	2A3-080	47-28'48"N	92-39'30"W	07OCT84
	WHIP LAKE	2A2-019	47-55'10"N	90-41'45"W	29OCT84
	WHIZ LAKE	2A2-053	47-58'00"N	91-10'15"W	23OCT84
	WOLF LAKE	2A3-012	47-53'00"N	92-01'30"W	16OCT84
	WREN LAKE	2D3-011	46-52'20"N	93-53'45"W	14OCT84
	YODELER LAKE	2A1-001	48-14'20"N	92-11'45"W	30OCT84
	ZENITH LAKE	2A2-039	47-56'50"N	90-54'45"W	24OCT84
NEW HAMPSHIRE	(NO NAME)	1C2-022	43-52'50"N	71-18'30"W	25OCT84
	(NO NAME)	1C2-039	43-03'15"N	71-52'15"W	01NOV84
	ADDER POND	1C2-027	43-26'48"N	71-48'33"W	24OCT84
	ARLINGTON MILL RESERVOIR	1C3-043	42-49'15"N	71-12'30"W	30OCT84
	BABBIDGE RESERVOIR	1C2-057	42-56'05"N	72-13'00"W	01NOV84
	BILLINGS POND	1C1-050	43-17'00"N	71-56'30"W	24OCT84
	BOG POND	1C2-063	43-26'20"N	71-52'15"W	24OCT84
	BRAGG POND	1C1-025	44-46'00"N	71-15'00"W	18OCT84
	BROAD BAY	1C1-079	43-48'23"N	71-06'04"W	29OCT84
	BURNS POND	1C3-025	44-21'00"N	71-38'30"W	25OCT84
	CALDWELL POND	1C1-052	43-04'36"N	72-18'20"W	24OCT84
	CHESHIRE POND	1C2-051	42-49'15"N	72-00'40"W	01NOV84
	COOKS POND	1C1-037	43-51'30"N	71-09'00"W	25OCT84
	COOKS POND	1C1-045	43-33'45"N	71-05'15"W	29OCT84
	CRANE NECK POND	1C2-030	43-20'20"N	71-32'30"W	30OCT84
	CROOKED POND	1C2-032	43-17'40"N	71-25'45"W	30OCT84
	DARRAH POND	1C3-055	42-49'52"N	71-26'40"W	31OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
NEW HAMPSHIRE (cont)	DODGE POND	1C1-049	43-13'20"N	72-10'40"W	24OCT84
	DORRS POND	1C2-040	43-00'50"N	71-27'15"W	30OCT84
	DUBES POND	1C2-067	43-04'13"N	71-24'07"W	30OCT84
	DUNCAN LAKE	1C1-042	43-42'15"N	71-06'30"W	29OCT84
	ENFIELD RESERVOIR	1C1-041	43-39'50"N	72-09'00"W	23OCT84
	FERRIN POND	1C1-065	43-02'30"N	71-46'30"W	01NOV84
	FRENCH POND	1C3-068	44-06'05"N	71-58'08"W	25OCT84
	GREAT HILL POND	1C2-061	43-53'20"N	71-20'00"W	25OCT84
	HALL POND	1C3-028	43-15'00"N	72-21'30"W	01NOV84
	HAUNTED LAKE	1C1-066	42-59'00"N	71-46'00"W	01NOV84
	JUGGERNAUT POND	1C2-041	42-57'35"N	72-00'45"W	01NOV84
	KEZAR LAKE	1C2-053	43-21'45"N	71-57'00"W	24OCT84
	KIMBALL POND	1C2-036	43-11'15"N	71-40'00"W	01NOV84
	LAKE ABENIKI	1C1-001	44-52'40"N	71-18'00"W	18OCT84
	LAKE WAUKEWAN	1C2-024	43-39'30"N	71-31'30"W	24OCT84
	LIME POND	1C3-023	44-52'15"N	71-29'20"W	18OCT84
	LONG POND	1C1-004	44-03'00"N	71-53'30"W	25OCT84
	LONG POND	1C2-033	43-12'14"N	71-48'43"W	01NOV84
	MARSH POND	1C2-034	43-14'40"N	71-23'45"W	30OCT84
	MARTIN MEADOW POND	1C3-063	44-26'30"N	71-36'30"W	25OCT84
	MEETINGHOUSE POND	1C2-029	43-24'45"N	71-21-40"W	30OCT84
	MENDUMS POND	1C2-037	43-10'30"N	71-04'00"W	30OCT84
	MOSES POND	1C3-027	43-32'25"N	72-18'50"W	23OCT84
	MUDGETTS POND	1C1-040	43-46'10"N	71-59'40"W	24OCT84
	NATICOOK LAKE	1C3-044	42-49'10"N	71-31'45"W	31OCT84
	NAY POND	1C1-087	44-34'15"N	71-17'03"W	18OCT84
	NORTH RIVER POND	1C2-055	43-11'45"N	71-07'45"W	30OCT84
	NORTHWOOD LAKE	1C2-059	43-12'33"N	71-15'00"W	30OCT84
	OSSIPEE LAKE	1C1-039	43-47'30"N	71-08'00"W	29OCT84
	OTTER POND	1C1-047	43-26'00"N	72-03'30"W	24OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
NEW HAMPSHIRE (cont)	PEARL LAKE	1C1-030	44-12'00"N	71-52'00"W	25OCT84
	PEMIGEWASSET LAKE	1C2-062	43-36'55"N	71-35'45"W	24OCT84
	PEQUAWKET POND	1C1-032	43-58'15"N	71-08'15"W	25OCT84
	PIKE POND	1C1-027	44-37'50"N	71-21'10"W	18OCT84
	RESERVOIR POND	1C1-038	43-47'15"N	72-02'30"W	24OCT84
	ROCKY POND	1C1-082	43-50'40"N	71-59'33"W	25OCT84
	ROUND POND	1C1-024	44-48'15"N	71-07'15"W	18OCT84
	SCOTT POND	1C2-044	42-47'15"N	72-07'00"W	01NOV84
	SEBBINS POND	1C2-043	42-55'45"N	71-28'45"W	31OCT84
	SHAWS POND	1C1-046	43-32'00"N	71-08'30"W	29OCT84
	SIP POND	1C2-045	42 14'00"N	72-06'15"W	01NOV84
	SMITH POND	1C1-044	43-35'15"N	72-08'00"W	23OCT84
	SMITH POND	1C2-035	43-09'15"N	72-01'45"W	24OCT84
	SQUAM LAKE	1C2-023	43-46'00"N	71-31'00"W	24OCT84
	STAR LAKE	1C1-086	43-27'43"N	72-03'20"W	24OCT84
	STONE POND	1C2-042	42-53'45"N	72-09'15"W	01NOV84
	STUMP POND	1C1-067	42-44'45"N	71-56'15"W	03NOV84
	SUNSET LAKE	1C2-028	43-28'15"N	71-18'00"W	30OCT84
	TURTLE POND	1C2-066	43-15'15"N	71-31'00"W	30OCT84
	UPPER BAKER POND	1C1-009	43-54'30"N	71-59'30"W	25OCT84
	UPPER BEECH POND	1C1-084	43-38'54"N	71-12'15"W	29OCT84
	WAUKEENA LAKE	1C2-026	43-31'00"N	71-53'45"W	24OCT84
	WHEELWRIGHT POND	1C3-040	43-08'20"N	71-00'30"W	30OCT84
NEW JERSEY	(NO NAME)	1B3-048	40-52'15"N	74-37'45"W	10NOV84
	BASS LAKE	1B3-067	41-01'33"N	74-57'12"W	18NOV84
	CLOVE ACRES LAKE	1B3-058	41-12'53"N	74-36'44"W	10NOV84
	HIGH CREST LAKE	1B3-044	41-01'10"N	74-22'30"W	10NOV84
	KITCHELL LAKE	1B3-040	41-05'15"N	74-21'15"W	10NOV84
	LAKE STOCKHOLM	1B3-042	41-04'05"N	74-31'45"W	10NOV84
	STAG POND	1B3-045	40-59'34"N	74-41'49"W	18NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
NEW YORK	(NO NAME)	1A2-048	43-07'39"N	74-35'20"W	31OCT84
	(NO NAME)	1A3-019	43-34'15"N	76-12'00"W	17OCT84
	(NO NAME)	1A3-057	44-41'47"N	73-37'50"W	08OCT84
	(NO NAME)	1A3-063	43-41'44"N	75-00'18"W	14OCT84
	(NO NAME)	1B1-019	41-30'40"N	74-46'25"W	10NOV84
	(NO NAME)	1B1-061	41-59'03"N	74-30'43"W	15NOV84
	(NO NAME)	1B3-023	41-37'40"N	73-37'30"W	06NOV84
	(NO NAME)	1B3-033	41-20'15"N	74-32'15"W	10NOV84
	(NO NAME)	1B3-052	41-29'23"N	74-32'20"W	10NOV84
	(NO NAME)	1D3-048	40-51'21"N	73-27'45"W	06NOV84
	ADIRONDACK LAKE	1A3-067	43-47'22"N	74-15'42"W	30OCT84
	AFTON LAKE	1B3-005	42-14'20"N	75-30'45"W	15NOV84
	ARBUTUS POND	1A1-052	43-59'15"N	74-14'30"W	15OCT84
	BALLSTON LAKE (NORTH END)	1A3-037	42-57'00"N	73-51'10"W	04NOV84
	BARGER LAKE	1B3-034	41-21'40"N	73-48'45"W	06NOV84
	BARRETT POND	1B3-051	41-26'04"N	73-44'25"W	06NOV84
	BEACON RESERVOIR	1B3-027	41-29'25"N	73-53'00"W	06NOV84
	BELFORT POND	1A2-065	43-55'39"N	75-19'42"W	21OCT84
	BELLOWS LAKE	1A2-031	43-10'45"N	74-27'45"W	31OCT84
	BIG OTTER LAKE	1A2-024	43-43'48"N	75-06'23"W	14OCT84
	BIG POND	1A3-010	44-17'15"N	73-33'20"W	08OCT84
	BLACK POND	1A1-037	44-09'00"N	74-35'30"W	13OCT84
	BLACK POND	1A1-071	44-26'21"N	74-17'38"W	11OCT84
	BLAKE FALLS RES	1A2-010	44-28'45"N	74-45'15"W	13OCT84
	BOYD POND	1A2-011	44-23'30"N	75-05'45"W	25OCT84
	BRANT LAKE	1A2-035	43-42'30"N	73-42'30"W	18OCT84
	BURNT HOPE LAKE	1B1-020	41-31'30"N	74-44'38"W	10NOV84
	BUTLER POND	1A3-027	43-22'15"N	73-44'15"W	03NOV84
	BUTTERFIELD LAKE	1A3-008	44-19'00"N	75-46'45"W	17OCT84
	BUTTERNUT POND	1A3-060	44-25'45"N	73-29'52"W	08OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
NEW YORK (cont)	CARTER POND	1C3-017	43-09'50"N	73-25'15"W	03NOV84
	CAYUGA LAKE	1B3-001	42-45'00"N	76-45'00"W	15NOV84
	CEDAR RIVER FLOW	1A1-008	43-42'30"N	74-28'30"W	15OCT84
	CENTER POND	1A3-045	43-44'30"N	74-13'00"W	15OCT84
	CHENEY POND	1A3-042	43-52'40"N	74-09'45"W	15OCT84
	CHUB LAKE	1A2-052	43-15'30"N	74-31'50"W	31OCT84
	CLEAR POND	1A1-023	44-29'15"N	74-09'30"W	11OCT84
	CLEAR POND	1A2-008	44-33'20"N	74-46'30"W	13OCT84
	CLEAR POND	1A2-013	44-20'00"N	74-48'40"W	13OCT84
	COAN POND	1A3-026	43-24'20"N	75-58'30"W	17OCT84
	COD POND	1A2-038	43 31'00"N	74-08'30"W	30OCT84
	CONKLIN POND	1B3-018	41-43'04"N	74-38'30"W	10NOV84
	CONSTABLE POND	1A1-017	43-50'00"N	74-47'45"W	14OCT84
	CORK CENTER RESERVOIR	1A3-064	43-02'29"N	74-27'58"W	04NOV84
	CRANBERRY POND	1C2-048	42-44'40"N	73-26'00"W	04NOV84
	CRANE POND	1A2-059	43-51'10"N	73-39'10"W	18OCT84
	CROSSETT POND	1A3-022	43-30'00"N	73-35'00"W	03NOV84
	CRYSTAL LAKE	1A3-009	44-16'30"N	75-48'00"W	17OCT84
	CRYSTAL LAKE	1A3-061	43-39'22"N	73-44'35"W	18OCT84
	CURTIS LAKE	1A3-028	43-20'10"N	74-57'40"W	31OCT84
	DEBAR POND	1A1-068	44-37'25"N	74-11'46"W	11OCT84
	DEER POND	1A1-055	43-55'45"N	74-47'00"W	25OCT84
	DELTA RESERVOIR	1A3-030	43-17'30"N	75-26'15"W	17OCT84
	DRY CHANNEL POND	1A1-028	44-21'10"N	74-26'15"W	11OCT84
	DUCK LAKE	1A2-004	43-14'08"N	74-27'09"W	31OCT84
	EVERGREEN LAKE	1A1-004	43-55'00"N	75-01'00"W	25OCT84
	FEAGLES LAKE	1B3-022	41-36'15"N	75-02'50"W	15NOV84
	FISH PONDS (NORTHEAST)	1A2-037	43-32'50"N	74-03'40"W	30OCT84
	FORKED LAKE	1A1-056	43-54'00"N	74-35'00"W	16OCT84
	FORT POND	1D3-046	41-02'30"N	71-57'15"W	13NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
NEW YORK (cont)	FOURTH LAKE (BISBY LAKES)	1A1-020	43-34'15"N	74-58'15"W	16OCT84
	GOOSE POND	1A1-018	43-47'00"N	74-54'00"W	14OCT84
	GOOSENECK POND	1A2-033	43-51'41"N	73-36'30"W	18OCT84
	GRASS POND	1A3-048	43-41'35"N	75-03'40"W	14OCT84
	GREEN POND	1A3-053	43-28'47"N	75-56'05"W	17OCT84
	GUILFORD LAKE	1B3-004	42-24'45"N	75-30'00"W	15NOV84
	GULL LAKES (SOUTH)	1A1-073	43-51'22"N	74-49'15"W	14OCT84
	HADLOCK POND	1A3-025	43-25'30"N	73-34'15"W	03NOV84
	HAMILTON LAKE	1A2-053	43-25'50"N	74-23'18"W	30OCT84
	HAWK POND	1A1-003	43-57'25"N	74-57'30"W	25OCT84
	HENDERSON LAKE	1A1-015	44-05'15"N	74-04'00"W	12OCT84
	HITCHCOCK LAKE	1A1-057	43-51'00"N	75-02'30"W	24OCT84
	HITCHENS POND	1A1-040	44-06'30"N	74-40'00"W	13OCT84
	HOLP POND	1B3-068	41-52'43"N	74-59'58"W	15NOV84
	HOOK POND	1D3-047	40-57'00"N	72-11'20"W	13NOV84
	HORSESHOE POND	1A2-032	43-49'45"N	73-48'30"W	18OCT84
	HUCKLEBERRY LAKE	1A2-056	43-47'47"N	75-15'00"W	24OCT84
	INDEPENDENCE LAKE	1A3-047	43-46'20"N	74-58'45"W	14OCT84
	INDIAN LAKE	1A3-011	44-08'30"N	75-27'10"W	17OCT84
	ISLAND POND	1B3-059	41-15'26"N	74-08'25"W	10NOV84
	JACKSON SUMMIT RESERVOIR	1A2-047	43-08'30"N	74-17'00"W	04NOV84
	JACOX POND	1B3-029	41-26'40"N	73-55'25"W	06NOV84
	JOCKS POND	1A1-031	44-17'30"N	74-40'00"W	13OCT84
	JOHN POND	1A1-039	44-06'45"N	74-45'50"W	13OCT84
	KEENAN POND	1A3-007	44-26'00"N	73-28'15"W	08OCT84
	KEENAN RESERVOIR	1A3-029	43-19'45"N	73-45'30"W	03NOV84
	KIAMESHA LAKE	1B3-020	41-40'30"N	74-40'00"W	10NOV84
	KIWASSA LAKE	1A1-033	44-17'45"N	74-09'30"W	13OCT84
	LAKE ALGONQUIN	1A2-040	43-23'30"N	74-17'45"W	30OCT84
	LAKE CLEAR OUTLET	1A1-030	44-20'50"N	74-15'45"W	12OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
NEW YORK (cont)	LAKE DESOLATION	1A2-049	43-08'15"N	73-58'20"W	04NOV84
	LAKE FRANCES	1A2-006	44-41'45"N	74-19'30"W	11OCT84
	LAKE LORAINE	1A3-023	43-27'30"N	75-57'40"W	17OCT84
	LAKE METAUQUE	1B1-062	41-31'02"N	74-47'03"W	10NOV84
	LEDGE POND	1A1-041	44-05'40"N	73-39'55"W	18OCT84
	LILY POND	1A2-036	43-42'15"N	73-40'15"W	03NOV84
	LITTLE CLEAR POND	1A1-027	44-21'45"N	74-17'00"W	11OCT84
	LITTLE POND	1A2-064	44-11'00"N	73-34'35"W	08OCT84
	LITTLE ROUND POND	1A3-038	42-56'25"N	73-46'40"W	04NOV84
	LITTLE TUPPER LAKE	1A1-043	44-02'22"N	74-36'40"W	25OCT84
	LONG LAKE	1A1-044	44-02'30"N	74-22'00"W	15OCT84
	LONG LAKE	1A2-044	43-13'10"N	74-35'30"W	31OCT84
	LONG LAKE	1A2-063	44-09'48"N	75-12'06"W	24OCT84
	LONG POND	1A3-046	43-38'15"N	74-17'20"W	15OCT84
	LOST POND	1A1-032	44-16'30"N	74-29'15"W	13OCT84
	LOWER RESERVOIR	1A3-021	43-31'30"N	75-57'30"W	17OCT84
	LOWS LAKE	1A1-042	44-05'00"N	74-45'30"W	25OCT84
	MCDONALD POND	1A2-012	44-23'45"N	74-31'40"W	11OCT84
	MIDDLE FARMS POND	1D3-044	41-16'30"N	71-58'40"W	13NOV84
	MIDDLE POND	1A1-029	44-20'20"N	74-22'45"W	11OCT84
	MIDDLE SARANAC LAKE	1A1-074	44-15'37"N	74-16'00"W	13OCT84
	MIDDLE SOUTH POND	1A1-049	43-59'22"N	75-01'06"W	25OCT84
	MOREAU LAKE	1A3-031	43-14'00"N	73-42'45"W	03NOV84
	MOSHER PONDS (SOUTHERN)	1A2-021	43-56'00"N	75-04'15"W	24OCT84
	MOUNTAIN POND	1A1-025	44-28'30"N	74-16'30"W	11OCT84
	MT ARAB LAKE	1A1-064	44-11'18"N	74-36'03"W	13OCT84
	MUD LAKE	1A2-041	43-20'26"N	74-27'14"W	30OCT84
	MUD POND	1A1-047	44-01'00"N	74-25'20"W	15OCT84
	MUD POND	1A2-005	44-44'10"N	74-03'55"W	11OCT84
	NATE POND	1A3-001	43-51'30"N	74-05'30"W	15OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
NEW YORK (cont)	NELSON LAKE	1A3-049	43-38'45"N	75-03'30"W	16OCT84
	NICKS POND	1A1-038	44-08'35"N	74-58'05"W	24OCT84
	NINE CORNER LAKE	1A2-046	43-11'45"N	74-33'00"W	31OCT84
	NO NAME(NO NAME LAKE)	1C3-018	42-46'10"N	73-32'50"W	04NOV84
	NORTH BRANCH LAKE	1A2-042	43-18'45"N	74-47'40"W	31OCT84
	OQUAGA LAKE	1B3-007	42-01'15"N	75-27'30"W	03NOV84
	OTTER LAKE	1A2-026	43-35'30"N	75-07'00"W	16OCT84
	OWEN POND	1A2-028	44-19'15"N	73-54'05"W	12OCT84
	OXBOW LAKE	1A2-039	43-26'30"N	74-29'00"W	30OCT84
	PANTHER POND	1A2-023	43-49'15"N	75-10'15"W	24OCT84
	PARADOX LAKE	1A1-070	43-53'00"N	73-42'30"W	18OCT84
	PARTLOW LAKE	1A1-046	44-00'15"N	74-50'00"W	25OCT84
	PAYNE LAKE	1A2-022	43-47'40"N	75-17'30"W	24OCT84
	PIERCEFIELD FLOW	1A1-035	44-13'45"N	74-33'00"W	13OCT84
	POCANTICO LAKE	1B3-064	41-07'22"N	73-50'00"W	06NOV84
	PORT RESERVOIR	1A3-032	43-05'15"N	74-21'30"W	04NOV84
	QUIVER POND	1A1-019	43-44'15"N	74-52'15"W	14OCT84
	RAVEN LAKE	1A1-016	43-55'45"N	75-02'00"W	25OCT84
	RICE RESERVOIR	1A3-058	43-05'37"N	74-20'18"W	04NOV84
	ROCK LAKE	1A1-050	43-58'00"N	74-52'00"W	25OCT84
	ROCK POND	1A3-066	43-37'50"N	74-18'12"W	15OCT84
	ROLLINS POND	1A1-069	44-18'45"N	74-24'50"W	12OCT84
	ROSS POND	1A3-044	43-47'40"N	74-08'45"W	15OCT84
	ROUND POND	1A1-065	44-07'29"N	73-44'01"W	18OCT84
	ROUND POND	1A3-051	43-21'09"N	73-40'37"W	03NOV84
	ROUND POND	1B1-002	41-56'20"N	74-35'15"W	15NOV84
	RUTLAND LAKE	1A3-013	43-57'05"N	75-47'45"W	17OCT84
	SACKETT LAKE	1B1-057	41-37'33"N	74-44'25"W	10NOV84
	SAGAMORE LAKE	1A1-059	43-46'00"N	74-37'30"W	16OCT84
	SEVENTH L.(FULTON CHAIN)	1A1-060	43-44'45"N	74-45'00"W	14OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
NEW YORK (cont)	SILVER LAKE	1A1-024	44-30'30"N	73-52'30"W	12OCT84
	SILVER LAKE	1A1-034	44-13'30"N	74-49'30"W	13OCT84
	SILVER LAKE	1B3-055	42-19'34"N	74-10'05"W	15NOV84
	SMITH POND	1A2-015	44-15'00"N	75-13'25"W	17OCT84
	SMITH POND	1A3-017	43-42'35"N	73-48'00"W	18OCT84
	SNYDER LAKE	1A1-010	43-34'15"N	74-49'15"W	16OCT84
	SOLON POND	1B3-066	42-37'06"N	75-55'28"W	15NOV84
	SOUTH COLWELL POND	1A3-062	43-41'58"N	76-11'43"W	17OCT84
	SOUTH LAKE (EAST BRANCH)	1A3-065	43-30'54"N	74-53'32"W	16OCT84
	SPECTACLE POND	1A2-034	43-48'45"N	73-42'15"W	18OCT84
	ST. JOHN LAKE	1A2-002	43-26'30"N	74-03'40"W	30OCT84
	STAR LAKE	1A2-016	44-09'30"N	75-02'45"W	24OCT84
	STREETCAR POND	1A2-051	43-40'38"N	73-42'02"W	18OCT84
	STUMP POND	1B3-013	41-50'15"N	74-54'00"W	15NOV84
	SULLIVAN POND	1A3-018	43-38'00"N	73-49'10"W	03NOV84
	SUTTON POND	1A1-051	43-57'20"N	74-36'00"W	25OCT84
	TAYLOR POND	1A2-027	44-29'15"N	73-51'00"W	12OCT84
	THIRD LAKE (ESSEX CHAIN)	1A3-041	43-52'30"N	74-15'00"W	15OCT84
	TRIANGLE LAKE	1B3-003	42-32'00"N	74-12'15"W	15NOV84
	TROUT LAKE	1A2-054	43-20'48"N	74-42'50"W	31OCT84
	TROUT LAKE	1A2-058	44-21'47"N	75-16'08"W	24OCT84
	TROUT LAKE	1A3-020	43-32'30"N	73-42'15"W	03NOV84
	TROUT LAKE	1B3-025	41-35'10"N	74-40'50"W	10NOV84
	TWIN LAKES (EASTERN)	1A1-009	43-37'15"N	74-37'15"W	30OCT84
	TWIN PONDS (EASTERN)	1A2-001	43-40'20"N	74-10'20"W	30OCT84
	TWIN PONDS (EASTERN)	1A2-018	43-59'15"N	75-13'30"W	24OCT84
	TWIN PONDS (NORTHWESTERN)	1A2-057	44-42'24"N	74-20'33"W	11OCT84
	TYRRELL LAKE	1B3-057	41-45'25"N	73-44'58"W	06NOV84
	UNKNOWN POND	1A3-043	43-49'10"N	74-17'00"W	15OCT84
	VANDERWHACKER POND	1A1-067	43-57'28"N	74-00'10"W	12OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
NEW YORK (cont)	WELLER POND	1A2-009	44-31'30"N	74-36'00"W	13OCT84
	WHITE LAKE	1A2-061	43-32'42"N	75-09'02"W	16OCT84
	WHITNEY LAKE	1A1-012	43-35'15"N	74-33'45"W	30OCT84
	WILMURT LAKE	1A1-014	43-25'45"N	74-43'30"W	30OCT84
	WIXON POND	1B3-032	41-23'45"N	73-44'05"W	06NOV84
	WOLF LAKE	1A1-061	43-37'45"N	74-39'15"W	30OCT84
	WOLF POND	1A1-021	44-39'00"N	74-03'30"W	11OCT84
	WOLF POND	1A1-053	43-57'36"N	73-55'48"W	12OCT84
	WOODHULL LAKE	1A1-066	43-35'30"N	74-59'13"W	16OCT84
	WOODMAN POND	1A3-039	42-51'15"N	75-34'10"W	15NOV84
	WOODS LAKE	1A2-045	43-15'10"N	74-19'00"W	31OCT84
	ZACK POND	1A3-040	43-56'00"N	74-11'00"W	15OCT84
NORTH CAROLINA	(NO NAME)	3A1-019	35-06'21"N	83-00'15"W	29NOV84
	(NO NAME)	3A2-002	36-26'41"N	80-55'48"W	29NOV84
	(NO NAME)	3A2-003	36-24'05"N	80-58'55"W	29NOV84
	(NO NAME)	3A2-008	35-16'38"N	83-39'16"W	29NOV84
	(NO NAME)	3A2-029	35-24'30"N	82-12'09"W	25NOV84
	APALACHIA LAKE	3A2-011	35-10'13"N	84-15'30"W	20NOV84
	BEAR CREEK RESERVOIR	3A2-032	35-14'25"N	83-03'42"W	25NOV84
	BURNETT RESERVOIR	3A3-006	35-40'00"N	82-20'20"W	21NOV84
	CASHIERS LAKE	3A1-014	35-06'25"N	83-06'03"W	25NOV84
	CEDAR CLIFF LAKE	3A2-031	35-15'15"N	83-05'45"W	25NOV84
	CHETOLA LAKE	3A2-004	36-08'16"N	81-40'20"W	21NOV84
	ENKA LAKE	3A1-006	35-32'00"N	82-39'20"W	21NOV84
	FONTANA LAKE	3A2-007	35-27'00"N	83-47'30"W	20NOV84
	FOREST LAKE	3A3-065	35-21'51"N	81-52'45"W	25NOV84
	HAMPTON LAKE	3A1-015	35-06'05"N	83-04'45"W	25NOV84
	HIWASSEE LAKE	3A2-055	35-09'45"N	84-10'00"W	20NOV84
	KANUGA LAKE	3A2-035	35-15'45"N	82-31'05"W	29NOV84
	LAKE ADGER	3A2-030	35-20'17"N	82-12'15"W	25NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
NORTH CAROLINA (cont)	LAKE CHEOAH	3A1-004	35-27'00"N	83-55'45"W	20NOV84
	LAKE HOUSER	3A3-070	35-13'23"N	81-43'45"W	25NOV84
	LAKE JAMES	3A3-004	35-44'30"N	81-54'00"W	21NOV84
	LAKE LOGAN	3A1-010	35-25'00"N	82-55'40"W	29NOV84
	LAKE SEQUOYAH	3A2-038	35-03'45"N	83-13'15"W	25NOV84
	LAKE SUMMITT	3A2-036	35-13'30"N	82-25'00"W	29NOV84
	LAKE TAHOMA	3A3-066	35-43'30"N	82-05'00"W	21NOV84
	LAKE TOXAWAY	3A1-012	35-08'00"N	82-56'30"W	29NOV84
	LUPTIN LAKE	3A1-018	35-06'45"N	83-01'15"W	25NOV84
	NANTAHALA LAKE	3A2-009	35-11'00"N	83-40'00"W	29NOV84
	RHODHISS LAKE	3A3-056	35-47'05"N	81-27'30"W	21NOV84
	TANASEE CREEK RESERVOIR	3A2-033	35-12'47"N	83-00'00"W	25NOV84
	THE LAGOON	3A1-008	35-32'28"N	82-33'45"W	21NOV84
	THORPE LAKE	3A2-053	35-10'30"N	83-09'00"W	25NOV84
	WALTERS LAKE	3A2-006	35-41'35"N	83-02'45"W	29NOV84
PENNSYLVANIA	(NO NAME)	1B1-026	41-19'30"N	75-03'45"W	31OCT84
	(NO NAME)	1B1-032	41-18'25"N	74-59'15"W	31OCT84
	(NO NAME)	1B2-048	41-02'45"N	75-24'00"W	15NOV84
	(NO NAME)	1B3-015	41-47'20"N	75-38'15"W	15NOV84
	BASSETT POND	1B3-062	41-35'33"N	75-42'40"W	16NOV84
	BEAR CREEK LAKE	1B2-040	41-11'00"N	75-45'15"W	01NOV84
	BELMONT LAKE	1B2-051	41-46'36"N	75-26'30"W	03NOV84
	BOYLE POND	1B2-069	41-10'11"N	75-55'30"W	16NOV84
	BRADYS LAKE	1B1-041	41-10'00"N	75-31'45"W	01NOV84
	BRONSON POND	1B2-011	41-31'30"N	75-26'15"W	16NOV84
	BROWNS POND	1B3-014	41-48'50"N	76-35'00"W	12NOV84
	BRUCE LAKE	1B1-025	41-21'00"N	75-10'15"W	31OCT84
	COBEY POND	1B1-012	41-34'00"N	75-04'15"W	03NOV84
	CORD POND	1B3-021	41-39'10"N	75-51'00"W	16NOV84
	CRAFT POND	1B3-028	41-26'05"N	75-17'15"W	03NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
PENNSYLVANIA (cont)	CRESENT LAKE	1B2-049	41-04'15"N	75-23'10"W	06NOV84
	CRYSTAL LAKE	1B2-039	41-10'00"N	75-50'00"W	01NOV84
	CURTIS POND	1B2-062	41-32'08"N	75-22'40"W	07NOV84
	CURTIS RESERVOIR	1B2-019	41-22'55"N	75-30'15"W	07NOV84
	DEEP HOLLOW POND	1B2-027	41-15'20"N	75-47'40"W	07NOV84
	EAST STROUDSBURG RESERV.	1B3-041	41-04'00"N	75-10'00"W	01NOV84
	ELK LAKE	1B2-006	41-37'20"N	75-23'05"W	07NOV84
	ELSTONS POND	1B3-030	41-22'20"N	75-58'15"W	01NOV84
	FIRST POND	1B2-047	41-08'05"N	75-01'35"W	18NOV84
	GAHOGA LAKE	1B1-010	41-21'30"N	76-19'15"W	12NOV84
	GLENBURN POND	1B3-026	41-31'00"N	75-43'45"W	16NOV84
	GOOSE POND	1B1-038	41-15'10"N	75-11'40"W	31OCT84
	GOULDSBORO LAKE	1B1-034	41-14'00"N	75-27'15"W	07NOV84
	GRASSY POND	1B2-025	41-16'45"N	76-09'20"W	12NOV84
	GRAVEL POND	1B1-037	41-13'40"N	75-15'20"W	31OCT84
	HALF MOON POND	1B2-016	41-26'35"N	75-27'30"W	07NOV84
	HANOVER RESERVOIR	1B2-037	41-10'20"N	75-59'20"W	01NOV84
	HARTLEY POND	1B3-019	41-39'30"N	75-42'30"W	16NOV84
	HEMLOCK LAKE	1B1-031	41-18'15"N	75-02'50"W	31OCT84
	HENRY LAKE	1B2-030	41-17'00"N	75-29'10"W	03NOV84
	HOADLEY POND	1B2-058	41-33'32"N	75-23'55"W	07NOV84
	INDIAN LAKE	1B2-070	41-11'20"N	75-40'03"W	01NOV84
	INDIAN MOUNTAIN LAKE	1B1-050	41-00'19"N	75-30'20"W	15NOV84
	IVAN SWAMP	1B2-046	41-08'26"N	75-09'14"W	16NOV84
	KIZER POND	1B2-066	41-27'21"N	75-27'38"W	16NOV84
	LAKE EARNEST	1B1-030	41-17'20"N	75-09'35"W	31OCT84
	LAKE GILES	1B1-022	41-22'30"N	75-05'40"W	31OCT84
	LAKE HENRY	1B2-017	41-27'00"N	75-26'50"W	16NOV84
	LAKE JAMIE	1B1-036	41-14'30"N	75-17'15"W	07NOV84
	LAKE JOHN	1B1-006	41-25'50"N	76-16'15"W	12NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
PENNSYLVANIA (cont)	LAKE LODORE	1B2-009	41-34'10"N	75-23'30"W	07NOV84
	LAKE MASKENOZHA	1B2-064	41-11'18"N	74'59'15"W	18NOV84
	LAKE MINISINK	1B1-067	41-12'57"N	75-03'13"W	15NOV84
	LAKE PAUPACK	1B1-024	41-19'30"N	75-15'30"W	31OCT84
	LITTLE BUTLER LAKE	1B3-012	41-51'45"N	75-37'40"W	15NOV84
	LITTLE ELK LAKE	1B3-017	41-45'30"N	75-56'30"W	12NOV84
	LITTLE KEEN POND	1B2-010	41-35'45"N	75-22'45"W	07NOV84
	LOG TAVERN POND	1B1-033	41-18'40"N	74-55'45"W	15NOV84
	LOPEZ POND	1B1-007	41-23'50"N	76-23'28"W	12NOV84
	LOWER LAKE (WEST)	1B1-066	41-18'52"N	75-13'53"W	31OCT84
	MANZANEDO LAKE	1B2-045	41-07'00"N	75-11'45"W	01NOV84
	MAPLE LAKE	1B2-022	41-19'45"N	75-35'00"W	07NOV84
	MARCEL LAKE	1B1-040	41-15'20"N	74-57'15"W	31OCT84
	MEADOW RUN PO.(LG.NORTH)	1B2-055	41-13'29"N	75-40'02"W	01NOV84
	MEADOW RUN PONDS (SOUTH)	1B2-034	41-12'55"N	75-40'15"W	01NOV84
	MEMORY LAKE	1B1-028	41-18'40"N	75-25'45"W	03NOV84
	MILL CREEK RESERVOIR	1B2-028	41-15'45"N	75-45'00"W	16NOV84
	MILLPOND NO. 1	1B1-064	41-10'47"N	75-24'39"W	07NOV84
	MOOSIC LAKES (EASTERN)	1B2-015	41-26'10"N	75-30'45"W	07NOV84
	MUD POND	1B1-027	41-21'00"N	74-54'20"W	31OCT84
	MUD POND	1B2-007	41-38'05"N	75-22'15"W	07NOV84
	MUD POND	1B2-059	41-23'01"N	75-31'35"W	07NOV84
	NO NAME(ALLENS LAKE)	1B1-003	41-40'10"N	76-37'15"W	12NOV84
	NO NAME(EAST LAKE)	1B1-044	41-08'30"N	75-32'30"W	01NOV84
	NO NAME(FOREST LAKE)	1B1-070	41-30'47"N	75-04'17"W	03NOV84
	NO NAME(GARDNERS DAM)	1B2-056	41-16'15"N	75-45'47"W	16NOV84
	NO NAME(HIAWATHA LAKE)	1B2-065	41-07'33"N	75-10'52"W	01NOV84
	NO NAME(HIDDEN LAKE)	1B2-031	41-13'00"N	76-12'00"W	01NOV84
	NO NAME(LAKE ALEEDA)	1B2-033	41-14'45"N	75-43'15"W	16NOV84
	NO NAME(LAKE IN THE WOODS)	1B1-059	41-15'23"N	75-15'29"W	31OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
PENNSYLVANIA (cont)	NO NAME(LAKE JAMIE)	1B3-036	41-15'00"N	74-54'25"W	31OCT84
	NO NAME(LAKE PINCREST)	1B2-036	41-11'00"N	76-14'40"W	01NOV84
	NO NAME(LAKE SINCA)	1B1-058	41-06'04"N	75-35'47"W	01NOV84
	NO NAME(SNOWFLAKE LAKE)	1B3-053	41-54'18"N	75-24'37"W	03NOV84
	NO NAME(SOUTH MTN. LAKE)	1B1-004	41-37'30"N	76-45'20"W	12NOV84
	NO NAME(ST. TIKHONS DAM)	1B2-013	41-30'45"N	75-24'00"W	16NOV84
	NO NAME(STAIRWAY LAKE)	1B1-069	41-24'45"N	74-47'59"W	10NOV84
	NO NAME(SWACKHAMMER LAKE)	1B2-008	41-33'15"N	75-26'35"W	07NOV84
	NO NAME(WILSON CREEK DAM)	1B1-029	41-17'30"N	75-14'20"W	31OCT84
	NORTH LAKE	1B2-053	41-17'30"N	76-08'39"W	16NOV84
	ORSON POND	1B2-001	41-48'45"N	75-26'40"W	03NOV84
	PENN LAKE	1B1-043	41-06'45"N	75-46'10"W	01NOV84
	PLACID LAKE	1B1-048	41-01'40"N	75-36'45"W	01NOV84
	POCONO SUMMIT LAKE	1B1-046	41-07'15"N	75-23'10"W	06NOV84
	PORTERS LAKE	1B1-039	41-15'05"N	75-03'30"W	15NOV84
	POYNTELLE LAKE	1B2-002	41-49'17"N	75-24'38"W	03NOV84
	ROCK HILL POND	1B1-055	41-18'49"N	75-00'58"W	31OCT84
	ROCK LAKE	1B2-005	41-46'20"N	75-19'30"W	03NOV84
	ROUSE POND	1B1-008	41-25'35"N	76-17'15"W	12NOV84
	SCHMITTHENNER LAKE	1B1-063	41-26'15"N	76-14'38"W	12NOV84
	SECOND POND	1B2-042	41-08'45"N	75-01'45"W	18NOV84
	SLY LAKE	1B3-060	41-49'25"N	75-20'14"W	03NOV84
	SUNRISE LAKE	1B1-068	41-19'10"N	74-57'37"W	31OCT84
	SWIFTWATER LAKE	1B2-044	41-05'53"N	75-16'39"W	01NOV84
	TAMARACK LAKE	1B2-054	41-15'16"N	75-29'34"W	03NOV84
	TELSHAW POND	1B2-012	41-31'00"N	75-25'30"W	16NOV84
	THE ICE PONDS (EAST)	1B2-038	41-08'35"N	75-56'15"W	01NOV84
	TINKWIG LAKE	1B1-015	41-30'00"N	75-07'35"W	03NOV84
	TROUT LAKE	1B3-043	41-00'15"N	75-20'30"W	01NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
PENNSYLVANIA (cont)	TWIN LAKES (BRINK P)	1B1-023	41-23'00"N	74-54'15"W	31OCT84
	WILKINSON LAKE	1B1-042	41-11'20"N	75-10'05"W	16NOV84
RHODE ISLAND	ARNOLD MILLS RES	1D3-026	41-59'00"N	71-23'45"W	04NOV84
	ASHVILLE POND	1D1-065	41-30'03"N	71-45'23"W	04NOV84
	FLAT RIVER RES. (EAST ARM)	1D2-085	41-41'01"N	71-36'00"W	04NOV84
	KING POND	1D2-069	41-46'22"N	71-39'38"W	04NOV84
	LAKE MISHNOCK	1D1-066	41-39'14"N	71-35'29"W	04NOV84
	LARKIN POND	1D1-059	41-28'12"N	71-33'30"W	04NOV84
	ROUND POND	1D1-067	41-58'17"N	71-46'20"W	08NOV84
	SCHOOL HOUSE POND	1D1-027	41-24'00"N	71-40'00"W	04NOV84
	SECRET LAKE	1D1-022	41-33'15"N	71-28'45"W	04NOV84
	SPRING GROVE POND	1D2-049	41-54'35"N	71-39'00"W	04NOV84
	THE RESERVOIR	1D1-024	41-32'25"N	71-31'30"W	04NOV84
	TIOGUE LAKE	1D2-050	41-40'45"N	71-33'00"W	04NOV84
	TIPPECANSETT POND	1D1-021	41-35'50"N	71-47'00"W	04NOV84
	WATERMAN POND	1D1-019	41-42'50"N	71-43'45"W	04NOV84
	WILSON RESERVOIR	1D1-018	41-58'10"N	71-43'45"W	08NOV84
SOUTH CAROLINA	(NO NAME)	3A2-044	34-51'58"N	83-06'11"W	24NOV84
	(NO NAME)	3A3-011	35-05'15"N	81-44'35"W	25NOV84
	(NO NAME)	3A3-012	34-57'05"N	82-23'37"W	29NOV84
	(NO NAME)	3A3-082	34-32'00"N	82-23'00"W	29NOV84
	(NO NAME)	3A3-084	35-05'42"N	81-44'20"W	25NOV84
	BOYD MILLPOND	3A3-074	34-27'30"N	82-12'30"W	29NOV84
	HARPER POND	3A2-048	34-39'13"N	83-11'28"W	24NOV84
	HARTWELL LAKE	3A3-053	34-22'30"N	82-50'30"W	27NOV84
	LAKE JOCASSEE	3A2-039	34-58'31"N	82-56'16"W	29NOV84
	LAKE LANIER	3A3-009	35-11'40"N	82-14'05"W	25NOV84
	LAKE WILLIAM C. BOWEN	3A3-072	35-06'30"N	82'03'00"W	25NOV84
	PINNACLE LAKE	3A2-042	35-01'45"N	82-41'50"W	29NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
SOUTH CAROLINA (cont)	TANKERSLEY LAKE	3A2-043	35-06'05"N	82-32'48"W	29NOV84
	YONAH LAKE	3A2-045	34-41'19"N	83-20'19"W	24NOV84
TENNESSEE	CALDERWOOD LAKE	3A1-002	35-29'45"N	83-50'00"W	20NOV84
	INDIAN BOUNDARY LAKE	3A1-005	35-23'52"N	84-06'50"W	20NOV84
	LAKE IN THE SKY	3A2-005	35-39'15"N	83-54'28"W	20NOV84
	LAKE OCOEE	3A2-012	35-05'42"N	84-36'59"W	20NOV84
	LAUREL LAKE	3A2-059	35-40'15"N	83-47'52"W	20NOV84
	WILBUR LAKE	3A3-058	36-20'17"N	82-07'05"W	29NOV84
VERMONT	(NO NAME)	1C3-059	44-32'06"N	73-05'52"W	29OCT84
	BEAN POND	1C1-081	44-41'50"N	72-05'15"W	29OCT84
	BERLIN POND	1C3-022	44-11'15"N	72-35'15"W	25OCT84
	BREESE POND	1C3-014	43-42'50"N	73-13'00"W	03NOV84
	CLARK POND	1C1-063	44-38'40"N	72-12'15"W	29OCT84
	DANIELS POND	1C1-062	44-40'30"N	72-15'40"W	29OCT84
	DERBY POND	1C3-009	44-57'00"N	72-07'00"W	18OCT84
	ECHO POND	1C1-061	44-51'40"N	72-00'00"W	29OCT84
	FERN LAKE	1C1-059	43-52'00"N	73-04'15"W	03NOV84
	FOSTERS POND	1C2-019	44-19'45"N	72-12'45"W	25OCT84
	GILLETT POND	1C3-012	44-21'15"N	72-57'45"W	29OCT84
	GREAT AVERILL POND	1C1-060	44-59'00"N	71-42'00"W	18OCT84
	HIDDEN LAKE	1C1-069	42-52'50"N	72-43'10"W	06NOV84
	KETTLE POND	1C3-064	44-17'40"N	72-19'08"W	25OCT84
	LAKE PARAN	1C3-066	42-55'57"N	73-14'00"W	04NOV84
	LAKE ST. CATHERINE	1C3-072	43-27'30"N	73-12'30"W	03NOV84
	LEVI POND	1C2-070	44-16'00"N	72-13'40"W	25OCT84
	LITTLE ELMORE POND	1C1-056	44-29'45"N	72-31'50"W	29OCT84
	LOWELL LAKE	1C1-064	43-13'30"N	72-45'45"W	23OCT84
	MUD POND	1C3-021	44-23'40"N	72-23'15"W	29OCT84
	NEAL POND	1C3-024	44-29'30"N	71-41'30"W	25OCT84
	SADAWGA LAKE	1C3-031	42-47'00"N	72-52'30"W	06NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
VERMONT (cont)	SALEM POND	1C3-051	44-55'47"N	72-06'17"W	18OCT84
	SHERMAN RESERVOIR	1C2-052	42-44'30"N	72-55'35"W	07NOV84
	ST ALBANS RES (SO. PART)	1C3-011	44-45'30"N	73-03'50"W	29OCT84
	SUNRISE LAKE	1C3-013	43-45'38"N	73-15'35"W	03NOV84
	THE POGUE	1C2-021	43-38'00"N	72-32'35"W	23OCT84
	UNKNOWN POND	1C2-006	44-39'55"N	71-43'22"W	25OCT84
	WALKER POND	1C3-065	43-44'33"N	73-08'27"W	03NOV84
VIRGINIA	CLAYTOR LAKE	3A3-087	37-03'45"N	80'36'30"W	21NOV84
	FAIRY STONE LAKE	3A2-001	36-48'04"N	80-06'37"W	21NOV84
	SMITH MTN LAKE	3A3-092	37-02'30"N	79-35'00"W	21NOV84
	TIMBER LAKE	3A3-001	37-19'00"N	79-16'15"W	21NOV84
WISCONSIN	(NO NAME)	2C1-039	45-29'20"N	89-25'30"W	29OCT84
	(NO NAME)	2C1-044	45-25'15"N	89-22'10"W	08NOV84
	(NO NAME)	2C1-059	46-01'22"N	89-42'39"W	30OCT84
	(NO NAME)	2C2-007	46-09'55"N	89-45'35"W	06NOV84
	(NO NAME)	2C2-029	45-56'05"N	89-54'55"W	01NOV84
	(NO NAME)	2D1-009	46-22'38"N	91-36'25"W	12NOV84
	(NO NAME)	2D1-020	46-22'05"N	91-36'55"W	12NOV84
	(NO NAME)	2D1-038	46-14'10"N	91-46'52"W	06NOV84
	(NO NAME)	2D1-049	46-11'02"N	91-42'20"W	12NOV84
	(NO NAME)	2D1-068	46-15'14"N	91-40'09"W	08NOV84
	(NO NAME)	2D1-088	46-22'14"N	91-36'29"W	05NOV84
	(NO NAME)	2D2-017	45-58'37"N	91-49'50"W	04NOV84
	(NO NAME)	2D2-022	45-55'45"N	92-03'33"W	03NOV84
	(NO NAME)	2D2-026	45-46'50"N	91-34'17"W	04NOV84
	(NO NAME)	2D2-027	45-43'47"N	91-49'55"W	04NOV84
	(NO NAME)	2D2-030	45-44'44"N	91-34'40"W	04NOV84
	(NO NAME)	2D2-035	45-42'21"N	91-36'25"W	04NOV84
	(NO NAME)	2D2-036	45-41'32"N	91-35'22"W	04NOV84
	(NO NAME)	2D2-041	45-41'14"N	92-01'26"W	03NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
WISCONSIN (cont)	(NO NAME)	2D2-051	45-45'13"N	92-25'47"W	28OCT84
	(NO NAME)	2D2-062	45-57'00"N	92-04'45"W	03NOV84
	(NO NAME)	2D2-065	45-44'42"N	91-35'51"W	04NOV84
	(NO NAME)	2D2-070	45-38'35"N	92-01'09"W	03NOV84
	(NO NAME)	2D2-074	45-29'26"N	92-05'08"W	03NOV84
	ALDER LAKE	2D2-024	45-46'52"N	91-45'45"W	04NOV84
	ALEXANDER LAKE	2D1-072	46-13'06"N	91-40'50"W	07NOV84
	ALICE LAKE	2C1-028	45-48'10"N	89-44'00"W	01NOV84
	ALVA LAKE	2C1-032	45-42'30"N	89-35'35"W	27OCT84
	ANDERSON LAKE	2D3-042	45-12'15"N	90-35'23"W	07NOV84
	BASS LAKE	2C2-039	45-42'55"N	89-23'05"W	29OCT84
	BASS LAKE	2C3-004	46-17'10"N	90-02'45"W	06NOV84
	BASS LAKE	2D1-030	46-13'00"N	91-51'15"W	06NOV84
	BASS LAKE	2D2-057	45-36'40"N	91-49'56"W	07NOV84
	BEAR LAKE	2B1-070	46-29'29"N	91-18'11"W	05NOV84
	BEARSKIN LAKE	2C3-037	45-44'00"N	89-41'00"W	27OCT84
	BEAUREGARD LAKE	2D1-025	46'20'30"N	91-35'30"W	07NOV84
	BEGLINGER LAKE	2D1-067	46-13'13"N	91-50'54"W	06NOV84
	BENA LAKE	2C3-005	46-17'30"N	89-53'55"W	06NOV84
	BIG DONAHUE LAKE	2C2-014	46-10'16"N	89-18'47"W	04NOV84
	BIG GIBSON LAKE	2C3-018	46-08'15"N	89-33'15"W	06NOV84
	BIG ROUND LAKE	2D3-053	45-31'34"N	92-18'00"W	03NOV84
	BIRCH LAKE	2C1-045	45-21'35"N	89-13'20"W	05NOV84
	BLACK FOX LAKE	2D1-022	46-21'45"N	91-36'38"W	05NOV84
	BLUEGILL LAKE	2D1-056	46-12'40"N	91-51'38"W	06NOV84
	BOBS LAKE	2C1-033	45-41'48"N	89-32'05"W	29OCT84
	BOG LAKE	2B3-060	46-29'47"N	91-19'38"W	05NOV84
	BOLIN LAKE	2C3-020	46-05'07"N	89-51'05"W	06NOV84
	BOOT LAKE	2D1-063	46-20'18"N	91-37'48"W	05NOV84
	BORTH LAKE	2C1-049	45-17'00"N	89-10'07"W	05NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
WISCONSIN (cont)	BRAGONIER LAKE	2C2-032	45-54'30"N	89-24'20"W	30OCT84
	BRICHER LAKE	2D2-069	45-57'54"N	92-20'35"W	28OCT84
	BUCK LAKE	2C1-038	45-35'30"N	89-25'00"W	08NOV84
	BUFF LAKE	2D2-055	45-45'18"N	91-29'24"W	04NOV84
	CANTHOOK LAKE	2B2-001	46-28'22"N	91-21'20"W	05NOV84
	CAP HENRY LAKE	2C2-026	46-00'45"N	90-01'15"W	07NOV84
	CARLIN LAKE	2C2-005	46-12'00"N	89-46'35"W	06NOV84
	CEDAR LAKE	2C3-008	46-12'30"N	89-57'15"W	06NOV84
	CHAIN LAKES (NORTHWEST)	2D1-048	46-11'55"N	91-44'20"W	12NOV84
	CHARNLEY LAKE	2C2-025	46-01'15"N	90-09'00"W	07NOV84
	CHENEY LAKE	2D1-076	46-22'54"N	91-42'02"W	05NOV84
	CHICKAREE LAKE	2C1-026	45-54'25"N	89-21'30"W	30OCT84
	CHIPPANAZIE LAKE	2D3-062	46-02'21"N	91-33'34"W	04NOV84
	CLEAR LAKE	2C3-043	45-32'00"N	89-43'25"W	29OCT84
	COCHRAM LAKE	2C3-024	45-57'52"N	90-06'30"W	07NOV84
	COFFEE LAKE	2D1-004	46-27'28"N	91-43'27"W	07NOV84
	COLUMBUS LAKE	2C3-033	45-50'15"N	89-15'00"W	31OCT84
	CRANBERRY LAKE	2D2-046	45-33'33"N	92-04'56"W	03NOV84
	CRAWFORD LAKE	2C2-056	45-25'53"N	88-51'26"W	05NOV84
	CRESCENT LAKE	2C3-057	45-36'08"N	89-31'20"W	08OCT84
	CROOKED LAKE	2D1-045	46-12'00"N	91-39'00"W	12NOV84
	DEEP LAKE	2B1-016	46-29'37"N	91-14'30"W	06NOV84
	DEER LAKE	2C3-035	45-49'10"N	89-16'45"W	31OCT84
	DEER LAKE	2D1-001	46-29'43"N	91-42'50"W	08NOV84
	DEER PRINT LAKE	2D1-055	46-21'35"N	91-37'09"W	05NOV84
	DIKE 4&5 FLOWAGE	2D3-029	45-50'39"N	92-39'37"W	28OCT84
	EAGLE LAKE	2C1-024	46-01'55"N	89-49'35"W	06NOV84
	EAGLE LAKE	2C3-056	45-56'00"N	89-12'30"W	31OCT84
	EDITH LAKE	2C1-017	46-05'15"N	89-42'25"W	06NOV84
	ELM LAKE	2C3-038	45-46'10"N	89-03'30"W	10OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
WISCONSIN (cont)	ERWIN LAKE	2C3-016	46-09'50"N	89-26'55"W	04NOV84
	EUGENE LAKE	2C3-046	45-28'05"N	88-40'00"W	05NOV84
	EVELYN LAKE	2D2-006	46-09'15"N	91-02'00"W	01NOV84
	FANNY LAKE	2C3-060	45-16'03"N	88-39'58"W	05NOV84
	FEELY LAKE	2C3-013	46-10'00"N	90-07'10"W	07NOV84
	FINGER LAKE	2B1-012	46-30'45'N	91-16'10"W	06NOV84
	FIREFLY LAKE	2C1-019	45-59'57"N	89-38'00"W	30OCT84
	FLAT LAKE	2D1-084	46-19'30"N	91-43'53"W	08NOV84
	FOUR DUCKS LAKE	2C2-044	45-53'40"N	88-59'15"W	10OCT84
	GAME LAKE	2C1-058	45-19'12"N	89-05'25"W	05NOV84
	GANDER LAKE	2D1-061	46-27'15"N	91-43'45"W	07NOV84
	GARTH LAKE	2C1-030	45-45'45"N	89-45'00"W	01NOV84
	GERBICK LAKE	2C2-046	45-27'35"N	89-36'05"W	08OCT84
	GOOSE LAKE	2D2-048	45-18'22"N	91-21'08"W	07NOV84
	GROSS LAKE	2C1-055	45-34'43"N	89-26'05"W	08NOV84
	GULL LAKE	2D2-016	45-59'22"N	91-44'59"W	04NOV84
	GUNLOCK LAKE	2C3-029	45-54'50"N	89-49'15"W	07NOV84
	HALFWAY LAKE	2D1-037	46-13'00"N	91-48'15"W	06NOV84
	HAPPLES LAKE	2B2-099	46-28'49"N	91-22'08"W	05NOV84
	HARMON LAKE	2D2-025	45-46'42"N	91-39'50"W	04NOV84
	HARRIET LAKE	2D1-081	46-13'07"N	91-47'30"W	06NOV84
	HAUGEN LAKE	2D1-042	46-13'22"N	91-39'55"W	07NOV84
	HAY LAKE	2B1-057	46-28'46"N	91-17'09"W	05NOV84
	HEADQUARTERS LAKE	2D3-035	45-36'05"N	87-57'37"W	25OCT84
	HERON LAKE	2D3-070	45-44'43"N	91-29'18"W	04NOV84
	HIAWATHA LAKE	2C3-015	46-11'20"N	89-49'50"W	06NOV84
	HIGH LAKE	2C1-042	45-25'30"N	89-32'00"W	29OCT84
	HIGH LIFE LAKE	2D1-010	46-22'27"N	91-34'40"W	13NOV84
	HINDU LAKE	2C3-047	45-22'30"N	88-59'07"W	05NOV84
	HONEYSUCKLE LAKE	2C1-016	45-57'45"N	89-21'35"W	30OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
WISCONSIN (cont)	HORSEHEAD LAKE	2C2-004	46-14'00"N	89-43'00"W	09OCT84
	HORSESHOE LAKE	2C2-047	45-18'45"N	89-37'50"W	29OCT84
	ISLAND LAKE	2B1-010	46-32'18"N	91-18'20"W	06NOV84
	ISLAND LAKE	2D1-052	46-21'12"N	91-46'04"W	05NOV84
	JOEL FLOWAGE	2D3-039	45-23'29"N	92-13'02"W	03NOV84
	JOHN LAKE	2C1-007	46-13'45"N	89-38'55"W	09OCT84
	JUNGLE LAKE	2C2-050	45-27'15"N	88-50'00"W	05NOV84
	KASOMO LAKE	2C2-030	45-57'05"N	89-31'50"W	31OCT84
	KELLEYS LAKE	2D3-059	45-36'59"N	92-08'50"W	03NOV84
	KINNY LAKE	2D2-067	45-40'57"N	92-00'49"W	03NOV84
	KNIFE LAKE	2C2-052	46-13'25"N	89-40'04"W	09OCT84
	LAKE CLARA	2C2-058	45-30'44"N	89-34'15"W	08OCT84
	LAKE DORIS	2C1-040	45-26'25"N	89-29'10"W	29OCT84
	LAKE LAURA	2C3-021	46-03'30"N	89-26'15"W	09OCT84
	LAKE LUCERNE	2C3-044	45-31'45"N	88-51'00"W	05NOV84
	LAKE MARIE	2C2-040	45-47'20"N	89-54'35"W	01NOV84
	LAKE NINETEEN	2D3-057	45-14'27"N	90-32'10"W	07NOV84
	LAKE NOKOMIS	2C3-041	45-33'15"N	89-44'00"W	07NOV84
	LAKE PLEASANT	2C1-014	46-06'05"N	89-13'35"W	04NOV84
	LAKE RUTH	2B2-005	46-30'15"N	91-25'30"W	05NOV84
	LAKE THIRTY	2D2-054	45-34'50"N	91-54'04"W	07NOV84
	LESTER LAKE	2B1-013	46-30'00"N	91-18'20"W	05NOV84
	LITTLE BASS LAKE	2C1-027	45-51'45"N	89-36'40"W	01NOV84
	LITTLE JOHN JR LAKE	2C1-018	46-00'15"N	89-38'20"W	30OCT84
	LITTLE PAPOOSE LAKE	2C3-059	46-11'03"N	89-49'15"W	06NOV84
	LITTLE PINE LAKE	2D2-082	45-17'02"N	91-28'57"W	07NOV84
	LITTLE SAND LAKE	2C2-049	45-28'15"N	88-55'15"W	08NOV84
	LITTLE SPIDER LAKE	2C2-036	45-45'40"N	89-25'55"W	29OCT84
	LITTLE ST GERMAIN LAKE	2C3-030	45-55'35"N	89-27'00"W	31OCT84
	LITTLE TWIN LAKE	2C3-049	45-21'40"N	88-54'05"W	05NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
WISCONSIN (cont)	LOGGER LAKE	2D2-071	45-14'21"N	91-22'50"W	07NOV84
	LONG INTERLAKEN LAKE	2C2-028	45-57'45"N	89-54'00"W	01NOV84
	LONG LAKE	2B1-023	46-39'43"N	91-03'15"W	01NOV84
	LONG LAKE	2D1-077	46-20'08"N	91-46'49"W	12NOV84
	LONG LAKE (NORTH END)	2C2-034	45-47'37"N	89-29'35"W	27OCT84
	LOON LAKE	2B1-005	46-34'15"N	91-18'45"W	06NOV84
	LOON LAKE	2D2-047	45-28'10"N	92-07'43"W	03NOV84
	LOON LAKE	2D2-049	45-14'48"N	91-28'00"W	07NOV84
	LOON LAKE	2D2-064	45-41'07"N	91-36'53"W	04NOV84
	LOST LAKE	2C2-037	45-45'05"N	89-24'40"W	29OCT84
	LOST LAKE	2C2-038	45-46'10"N	89-19'10"W	31OCT84
	LOST LAKE	2D2-076	45-43'01"N	91-50'54"W	04NOV84
	LOWER HOLLY LAKE	2D3-060	45-50'28"N	91-28'08"W	04NOV84
	LOWER KAUBASHINE LAKE	2C3-034	45-48'35"N	89-45'00"W	01NOV84
	LOWLAND LAKE	2D2-050	45-12'24"N	91-21'44"W	07NOV84
	LUND LAKE	2D1-065	46-19'05"N	91-34'45"W	07NOV84
	MCGRATH LAKE	2C1-029	45-47'30"N	89-38'40"W	01NOV84
	METZGER LAKE	2D1-017	46-19'08"N	91-41'17"W	05NOV84
	MIDDLE SUGARBUSH LAKE	2C3-025	46-01'35"N	89-53'45"W	07NOV84
	MIDGET LAKE	2C2-048	45-30'00"N	88-47'40"W	05NOV84
	MILL LAKE	2C2-035	45-48'00"N	89-19'30"W	31OCT84
	MILLER LAKE	2C1-060	45-49'14"N	89-36'11"W	01NOV84
	MINNOW LAKE	2C3-051	45-48'38"N	89-16'31"W	31OCT84
	MINONK LAKE	2C2-003	46-15'00"N	89-46'20"W	06NOV84
	MIRROR LAKE	2D1-026	46-21'25"N	91-34'45"W	13NOV84
	MOODY LAKE	2D2-068	45-45'43"N	91-44'42"W	04NOV84
	MOOSE EAR LAKE	2D3-040	45-19'50"N	91-34'24"W	07NOV84
	MUD LAKE	2C2-045	45-31'00"N	89-33'28"W	08OCT84
	MUD MINNOW LAKE	2C2-042	45-52'45"N	89-15'30"W	31OCT84
	MULLENHOFF LAKE	2B2-077	46-32'14"N	91-24'08"W	05NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
WISCONSIN (cont)	MULLIGAN LAKE	2D1-041	46-12'30"N	91-41'40"W	12NOV84
	MUSKELLUNGE LAKE	2C2-031	45-57'00"N	89-22'45"W	30OCT84
	MUSKESIN LAKE	2C3-052	46-01'06"N	89-54'48"W	07NOV84
	MUSKIE LAKE	2C1-031	45-44'00"N	89-38'15"W	27OCT84
	MUSKRAT LAKE	2D1-012	46-20'45"N	91-45'15"W	12NOV84
	NELLIE LAKE	2C2-019	46-05'45"N	89-35'00"W	09OCT84
	NEWBOLD LAKE	2C1-051	45-42'23"N	89-33'12"W	29OCT84
	NIOBE LAKE	2D3-051	45-07'20"N	88-54'14"W	05NOV84
	NORTHEAST LAKE	2D3-020	46-16'10"N	91-12'30"W	01NOV84
	NOSEEUM LAKE	2C2-006	46-11'20"N	89-49'15"W	06NOV84
	OAK LAKE	2D2-060	45-47'00"N	91-46'17"W	04NOV84
	OSCEOLA LAKE	2C1-013	46-07'32"N	89-19'02"W	06NOV84
	PARTRIDGE LAKE	2C1-046	45-20'45"N	89-16'30"W	08NOV84
	PERCH LAKE	2B1-020	46-47'45"N	91-05'40"W	01NOV84
	PERCH LAKE	2C1-054	46-08'46"N	89-15'00"W	04NOV84
	PERCH LAKE	2D3-065	45-22'19"N	87-59'19"W	25OCT84
	PHANTOM LAKE	2B1-015	46-29'30"N	91-17'45"W	05NOV84
	PICKEREL LAKE	2D2-038	45-37'47"N	91-36'00"W	07NOV84
	PIKE LAKE	2D2-072	45-49'53"N	92-17'28"W	28OCT84
	PINE LAKE	2C2-054	45-49'29"N	89-55'24"W	01NOV84
	PINE LAKE	2D1-082	46-30'29"N	91-39'10"W	07NOV84
	PLYMOUTH LAKE	2C1-053	46-02'26"N	88-59'21"W	10OCT84
	PRESQUE ISLE LAKE	2C3-009	46-13'30"N	89-47'00"W	06NOV84
	PRUNE LAKE	2C1-035	45-37'20"N	89-30'20"W	08OCT84
	QUARTZ LAKE	2C2-043	45-56'55"N	88-57'30"W	10OCT84
	RAINBOW FLOWAGE (S. END)	2C2-033	45-49'30"N	89-29'15"W	29OCT84
	RAINY LAKE	2D2-079	46-03'36"N	91-43'27"W	04NOV84
	RICHARDSON LAKE	2B2-075	46-32'22"N	91-27'51"W	05NOV84
	ROACH LAKE	2C3-026	45-57'37"N	89-37'15"W	30OCT84
	ROCK LAKE	2D1-018	46-20'35"N	91-37'00"W	05NOV84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
WISCONSIN (cont)	ROGER LAKE	2B2-074	46-31'34"N	91-25'24"W	05NOV84
	ROUND LAKE	2D2-053	45-53'41"N	92-12'29"W	03NOV84
	RUDOLPH LAKE	2C1-056	46-12'30"N	89-39'33"W	09OCT84
	RUSSET LAKE	2C1-008	46-11'50"N	89-36'30"W	09OCT84
	SAWMILL LAKE	2B1-019	46-28'50"N	91-14'45"W	06NOV84
	SAWMILL LAKE	2D2-031	45-45'12"N	91-33'22"W	04NOV84
	SETTING LAKE	2C3-050	45-15'50"N	88-41'25"W	05NOV84
	SEVEN ISLAND LAKE	2C1-043	45-25'30"N	89-28'00"W	29OCT84
	SHALLOW LAKE	2D2-033	45-41'00"N	91-52'54"W	04NOV84
	SHALLOW POND	2C2-053	45-46'29"N	89-28'39"W	29OCT84
	SILVER LAKE	2C3-054	45-28'23"N	89-12'07"W	05NOV84
	SIME LAKE	2C2-018	46-09'30"N	89-31'15"W	09OCT84
	SMITH LAKE	2D1-007	46-23'53"N	91-42'30"W	08NOV84
	SNAG LAKE	2C1-047	45-19'20"N	89-13'10"W	05NOV84
	SNAKE LAKE	2D1-050	46-11'43"N	91-40'05"W	07NOV84
	SOUTH TWIN LAKE	2D3-041	45-16'22"N	90-26'16"W	07NOV84
	SPIDER LAKE	2B1-067	46-32'40"N	91-13'44"W	06NOV84
	SPIRIT LAKE	2C3-027	45-58'00"N	89-12'00"W	31OCT84
	SPRING LAKE	2D2-044	45-35'00"N	92-02'30"W	03NOV84
	SPRUCE LAKE	2C2-055	46-03'12"N	89-34'00"W	09OCT84
	SQUASH LAKE	2C1-037	45-36'00"N	89-33'00"W	08OCT84
	STAR LAKE	2D3-018	46-23'15"N	91-13'15"W	01NOV84
	STARRETT LAKE	2C2-021	46-01'40"N	89-34'25"W	31OCT84
	STEWART LAKE	2C2-060	46-00'55"N	89-23'53"W	30OCT84
	STONE LAKE	2C2-024	46-01'30"N	90-07'15"W	07NOV84
	SULLIVAN LAKE	2D1-047	46-11'15"N	91-46'30"W	13NOV84
	SUNDAY LAKE	2C1-021	45-53'25"N	89-51'20"W	01NOV84
	TANDA LAKE	2D2-019	45-56'48"N	92-16'22"W	28OCT84
	TANK LAKE	2D3-019	46-22'07"N	91-08'10"W	01NOV84
	TAYLOR LAKE	2C2-041	45-54'30"N	89-12'55"W	31OCT84

(continued)

TABLE 5-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
WISCONSIN (cont)	TENDERFOOT LAKE	2C3-039	45-40'20"N	89-15'30"W	08NOV84
	THORN LAKE	2D1-043	46-13'30"N	91-39'20"W	12NOV84
	TORCH LAKE	2C1-015	46-01'25"N	89-16'30"W	30OCT84
	TOWANDA LAKE	2C1-020	45-56'30"N	89-42'30"W	01NOV84
	TOWER LAKE	2C2-022	46-07'32"N	89-26'15"W	04NOV84
	TRIPP LAKE	2D3-028	45-54'05"N	91-32'15"W	04NOV84
	TURTLE FLAMBEAU FLOWAGE	2C3-014	46-05'00"N	90-12'00"W	07NOV84
	TWIN LAKES (EASTERN)	2B1-022	46-41'06"N	91-03'30"W	01NOV84
	TWIN LAKES (NORTHERN)	2D1-078	46-21'12"N	91-44'00"W	08NOV84
	TWIN LAKES (SOUTH)	2D2-084	46-11'59"N	91-08'30"W	01NOV84
	TWIN LAKES (SOUTHERN)	2B1-008	46-33'00"N	91-16'30"W	06NOV84
	TWIN LAKES (SOUTHWEST)	2D1-014	46-20'45"N	91-44'20"W	08NOV84
	VENTOR LAKE	2C1-050	45-18'40"N	89-02'55"W	05NOV84
	VIOLA LAKE	2D2-023	45-49'04"N	92-15'00"W	03NOV84
	WANOKA LAKE	2B1-011	46-32'43"N	91-16'55"W	06NOV84
	WARD LAKE	2D2-040	45-45'25"N	92-25'06"W	28OCT84
	WARVET LAKE	2C1-011	46-05'15"N	89-07'05"W	10OCT84
	WEST BASS LAKE	2D3-031	45-46'45"N	88-20'10"W	25OCT84
	WHITE BIRCH LAKE	2C2-020	46-03'45"N	89-31'25"W	09OCT84
	WHITEYE LAKE	2C3-042	45-34'55"N	89-00'00"W	08NOV84
	WILD RICE LAKE	2C3-058	46-03'55"N	89-47'45"W	07NOV84
	WILDWOOD LAKE	2C1-034	45-41'00"N	89-27'50"W	29OCT84
	WINTERGREEN LAKE	2D3-036	45-35'40"N	92-11'13"W	03NOV84
	WISHOW LAKE	2C1-025	45-57'20"N	89-47'30"W	01NOV84
	WRIGHT LAKE	2B2-004	46-31'15"N	91-28'45"W	05NOV84

SECTION 6

SPECIAL INTEREST LAKES SORTED BY LAKE ID

This section (Table 6-1) lists all special interest lakes (those not part of the probability sample) sorted by Lake ID. Each Lake ID is a unique seven-character code. The first character identifies the region in which the lake is located (1, 2, or 3); the second character, the subregion (A through E); the third character, the alkalinity map class (1, 2, or 3); the fourth character, a dash; and the last three; the assigned lake number. A lake with the ID of 1A1-010 is located in region 1 (the Northeast), subregion A (the Adirondacks), was selected from alkalinity map class 1 (<100 ueq L^{-1}), and is the tenth lake numbered in this group. Some lakes were not sampled; therefore, the assigned lake numbers are not consecutive. For a description of how the special interest lakes were chosen, see Volume I, Section 2.2.5.

The additional information provided in Table 6-1 includes lake name as it appears on the USGS map; the name of the state in which the lake is located (given as the two-character postal code); latitude and longitude (in degrees-minutes-seconds); and the large scale USGS topographic map, the size of the map (referred to on the table as scale) and the map name. The scale and map name refer to those maps actually used to locate and characterize the selected lakes.

TABLE 6-1. SPECIAL INTEREST LAKES SORTED BY LAKE ID

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1A1-076	MINNOW POND	NY	43-52'53"N	74-26'15"W	15' BLUE MOUNTAIN
1A1-077	PILLSBURY LAKE	NY	43-35'50"N	74-32'00"W	15' WEST CANADA LAKES
1A1-078	SILVER LAKE	NY	43-50'38"N	74-54'45"W	15' BIG MOOSE
1A1-079	SOUTH LAKE	NY	43-35'13"N	74-37'45"W	15' WEST CANADA LAKES
1A1-080	SPRUCE LAKE	NY	43-32'00"N	74-36'37"W	15' WEST CANADA LAKES
1A1-081	STEPHEN'S POND	NY	43-49'10"N	74-25'00"W	15' BLUE MOUNTAIN
1A1-082	THIRSTY POND	NY	43-49'22"N	74-54'20"W	15' BIG MOOSE
1A1-083	WEST LAKE	NY	43-45'20"N	74-55'15"W	15' BIG MOOSE
1A1-084	DEEP LAKE	NY	43-37'10"N	74-39'48"W	15' WEST CANADA LAKES
1A1-086	TOWNSEND POND	NY	43-48'50"N	74-50'22"W	15' BIG MOOSE
1A1-088	WOODRUFF POND	NY	43-57'54"N	74-08'45"W	15' NEWCOMB
1A1-089	QUEER LAKE	NY	43-48'40"N	74-48'00"W	15' BIG MOOSE
1A1-090	WHIPPLE POND	NY	44-22'36"N	74-18'09"W	7.5'x15' ST. REGIS MTN
1A1-091	JONES POND	NY	44-27'08"N	74-11'15"W	7.5'x15' BLOOMINGDALE
1A1-092	FISH POND	NY	44-23'37"N	74-22'15"W	7.5'x15' ST. REGIS MTN
1A1-093	GAL POND	NY	44-02'40"N	74-53'40"W	7.5' FIVE PONDS
1A1-094	HITCHINS POND	NY	44-00'37"N	74-54'20"W	7.5' FIVE PONDS
1A1-095	TOAD POND	NY	44-01'10"N	74-56'00"W	7.5' FIVE PONDS
1A1-097	CROOKED LAKE	NY	43-59'40"N	74-56'20"W	15' BIG MOOSE/7.5' FIVE PONDS
1A1-098	EAST POND	NY	44-22'50"N	74-25'50"W	7.5'x15' ST. REGIS MTN
1A1-099	CEDAR LAKES	NY	43-37'15"N	74-33'00"W	15' WEST CANADA LAKES
1A1-100	CURTIS POND	NY	44-09'35"N	74-45'37"W	7.5' CRANBERRY LAKE
1A1-101	EAST CHARLEY POND	NY	44-02'45"N	74-41'00"W	15' TUPPER LAKE
1A1-102	HEART LAKE	NY	44-10'56"N	73-58'10"W	7.5'x15' KEENE VALLEY
1A1-103	BIG MOOSE LAKE	NY	43-49'45"N	74-51'00"W	15' BIG MOOSE
1A1-105	CASCADE LAKE	NY	43-47'28"N	74-48'15'W	15' BIG MOOSE
1A1-106	DART LAKE	NY	43-47'50"N	74-51'30"W	15' BIG MOOSE
1A1-107	LITTLE ECHO POND	NY	44-18'20"N	74-21'27"W	7.5'x15' UPPER SARANAC LAKE
1A1-108	MERRIAM POND	NY	43-51'28"N	74-50'45"W	15' BIG MOOSE
1A1-109	MOSS LAKE	NY	43-47'10"N	74-51'00"W	15' BIG MOOSE

(continued)

TABLE 6-1. SPECIAL INTEREST LAKES SORTED BY LAKE ID

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1A1-076	MINNOW POND	NY	43-52'53"N	74-26'15"W	15' BLUE MOUNTAIN
1A1-077	PILLSBURY LAKE	NY	43-35'50"N	74-32'00"W	15' WEST CANADA LAKES
1A1-078	SILVER LAKE	NY	43-50'38"N	74-54'45"W	15' BIG MOOSE
1A1-079	SOUTH LAKE	NY	43-35'13"N	74-37'45"W	15' WEST CANADA LAKES
1A1-080	SPRUCE LAKE	NY	43-32'00"N	74-36'37"W	15' WEST CANADA LAKES
1A1-081	STEPHEN'S POND	NY	43-49'10"N	74-25'00"W	15' BLUE MOUNTAIN
1A1-082	THIRSTY POND	NY	43-49'22"N	74-54'20"W	15' BIG MOOSE
1A1-083	WEST LAKE	NY	43-45'20"N	74-55'15"W	15' BIG MOOSE
1A1-084	DEEP LAKE	NY	43-37'10"N	74-39'48"W	15' WEST CANADA LAKES
1A1-086	TOWNSEND POND	NY	43-48'50"N	74-50'22"W	15' BIG MOOSE
1A1-088	WOODRUFF POND	NY	43-57'54"N	74-08'45"W	15' NEWCOMB
1A1-089	QUEER LAKE	NY	43-48'40"N	74-48'00"W	15' BIG MOOSE
1A1-090	WHIPPLE POND	NY	44-22'36"N	74-18'09"W	7.5'x15' ST. REGIS MTN
1A1-091	JONES POND	NY	44-27'08"N	74-11'15"W	7.5'x15' BLOOMINGDALE
1A1-092	FISH POND	NY	44-23'37"N	74-22'15"W	7.5'x15' ST. REGIS MTN
1A1-093	GAL POND	NY	44-02'40"N	74-53'40"W	7.5' FIVE PONDS
1A1-094	HITCHINS POND	NY	44-00'37"N	74-54'20"W	7.5' FIVE PONDS
1A1-095	TOAD POND	NY	44-01'10"N	74-56'00"W	7.5' FIVE PONDS
1A1-097	CROOKED LAKE	NY	43-59'40"N	74-56'20"W	15' BIG MOOSE/7.5' FIVE PONDS
1A1-098	EAST POND	NY	44-22'50"N	74-25'50"W	7.5'x15' ST. REGIS MTN
1A1-099	CEDAR LAKES	NY	43-37'15"N	74-33'00"W	15' WEST CANADA LAKES
1A1-100	CURTIS POND	NY	44-09'35"N	74-45'37"W	7.5' CRANBERRY LAKE
1A1-101	EAST CHARLEY POND	NY	44-02'45"N	74-41'00"W	15' TUPPER LAKE
1A1-102	HEART LAKE	NY	44-10'56"N	73-58'10"W	7.5'x15' KEENE VALLEY
1A1-103	BIG MOOSE LAKE	NY	43-49'45"N	74-51'00"W	15' BIG MOOSE
1A1-105	CASCADE LAKE	NY	43-47'28"N	74-48'15"W	15' BIG MOOSE
1A1-106	DART LAKE	NY	43-47'50"N	74-51'30"W	15' BIG MOOSE
1A1-107	LITTLE ECHO POND	NY	44-18'20"N	74-21'27"W	7.5'x15' UPPER SARANAC LAKE
1A1-108	MERRIAM POND	NY	43-51'28"N	74-50'45"W	15' BIG MOOSE
1A1-109	MOSS LAKE	NY	43-47'10"N	74-51'00"W	15' BIG MOOSE

(continued)

TABLE 6-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1A1-110	LAKE RONDAXE	NY	43-45'50"N	74-54'20"W	15' BIG MOOSE
1A1-111	SQUASH POND	NY	43-49'35"N	74-53'23'W	15' BIG MOOSE
1A1-112	WEST POND	NY	43-48'40"N	74-52'45"W	15' BIG MOOSE
1A1-113	BUBB LAKE	NY	43-46'15"N	74-51'15"W	15' BIG MOOSE
1A2-066	JOCKEYBUSH LAKE	NY	43-18'15"N	74-35'45"W	15' PISECO LAKE
1A2-067	MECO LAKE	NY	43-17'00"N	74-25'33"W	15' LAKE PLEASANT
1A2-068	ROCK LAKE	NY	43-19'42"N	74-35'30"W	15' PISECO LAKE
1A2-069	SILVER LAKE	NY	43-17'43"N	74-25'50"W	15' LAKE PLEASANT
1A2-070	(UPPER)LOOMIS POND	NY	43-18'15"N	74-29'40"W	15' LAKE PLEASANT
1A2-071	STREETER LAKE	NY	44-06'28"N	75-04'20"W	7.5' OSWEGATCHIE SE
1A2-072	SAND POND	NY	43-56'58"N	75-09'40"W	15' NUMBER FOUR
1A2-073	CLOCKMILL POND	NY	43-20'25"N	74-35'15"W	15' PISECO LAKE
1A2-074	DIAMOND LAKE	NY	43-18'25"N	74-43'50"W	15' PISECO LAKE
1A2-075	HOLMES LAKE	NY	43-11'22"N	74-25'55"W	7.5' CAROGA LAKE
1A2-076	BARNES LAKE	NY	43-34'00"N	75-13'40"W	15' MC KEEVER
1A2-077	CLEAR POND	NY	44-00'00"N	73-49'20"W	15' SCHROON LAKE/7.5'x15' MT. MARCY
1A2-078	OTTER LAKE	NY	43-11'17"N	74-30'00"W	7.5' CANADA LAKE/CAROGA LAKE
1A3-069	BREWER LAKE	NY	43-35'32"N	75-05'15"W	15' MC KEEVER
1B3-069	SAWMILL POND	NJ	41-17'37"N	74-41'15"W	7.5' PORT JERVIS SOUTH
1B3-070	LAKE OWASSA	NJ	41-09'15"N	74-48'45"W	7.5' CULVERS GAP
1B3-071	FAIRVIEW LAKE	NJ	41-04'35"N	74-54'45"W	7.5' FLATBROOKVILLE
1B3-072	LAKE MARCIA	NJ	41-19'03"N	74-40'02"W	7.5' PORT JERVIS SOUTH
1B3-073	GREEN POND	NJ	41-00'07"N	74-30'00"W	7.5' DOVER/BOONTON/FRANKLIN/NEWFOUNDLAND
1B3-074	RAMAPO LAKE	NJ	41-02'15"N	74-16'00"W	7.5' WANAQUE
1B3-075	HANKS POND	NJ	41-05'00"N	74-26'15"W	7.5' NEWFOUNDLAND
1B3-076	LAKE DENMARK	NJ	40-58'15"N	74-31'00"W	7.5' DOVER
1B3-077	CLYDE POTTS RESERVOIR	NJ	40-48'22"N	74-35'00"W	7.5' MENDHAM
1B3-078	SPLITROCK RESERVOIR	NJ	40-59'00"N	74-26'15"W	7.5' BOONTON/NEWFOUNDLAND
1B3-079	CLINTON RESERVOIR	NJ	41-05'00"N	74-27'15"W	7.5' NEWFOUNDLAND
1B3-080	BUTLER RESERVOIR	NJ	41-01'45"N	74-23'07"W	7.5' NEWFOUNDLAND

(continued)

TABLE 6-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1C1-090	GROUT POND	VT	43-02'44"N	72-56'45"W	15' LONDONDERRY
1C1-091	HARDWOOD POND	VT	44-28'05"N	72-30'00"W	15' PLAINFIELD/7.5' MT. WORCESTER
1C1-092	LILY POND	VT	43-14'03"N	72-45'05"W	15' LONDONDERRY/SAXTONS RIVER
1C1-093	LITTLE POND	VT	42-55'30"N	73-03'55"W	7.5' WOODFORD
1C1-094	LITTLE POND	VT	43-07'25"N	72-56'30"W	15' LONDONDERRY
1C1-095	STAMFORD POND	VT	42-49'20"N	73-03'55"W	7.5' STAMFORD
1C1-096	STRATTON POND	VT	43-06'15"N	72-58'10"W	15' LONDONDERRY
1C1-097	SUNSET LAKE	VT	42-55'10"N	72-41'00"W	15' BRATTLEBORO
1C1-098	UNKNOWN POND	VT	44-54'35"N	71-50'40"W	15' ISLAND POND
1C1-099	BEEBE POND	VT	43-03'12"N	73-01'58"W	7.5' SUNDERLAND
1C1-101	BRANCH POND	VT	43-04'52"N	73-01'07"W	7.5' SUNDERLAND
1C1-102	WEARE RESERVOIR	NH	43-05'45"N	71-47'30"W	15' HILLSBORO
1C1-103	LITTLE AVERILL POND	VT	44-57'18"N	71-43'00"W	15' AVERILL
1C1-104	LITTLE ROCK POND	VT	43-24'00"N	72-57'20"W	15' WALLINGFORD
1C1-105	LAKE MANSFIELD	VT	44-28'20"N	72-49'00"W	7.5' BOULTON MOUNTAIN
1C1-106	SUCKER POND	VT	42-49'30"N	73-07'45"W	7.5' POWNAL
1C1-107	BEAVER POND	VT	45-00'20"N	71-56'30"W	15' ISLAND POND
1C1-108	BIG MUDDY POND	VT	44-45'20"N	72-36'00"W	15' JAY PEAK
1C1-109	GRIFFITH LAKE	VT	43-18'08"N	72-57'35"W	15' WALLINGFORD
1C1-110	HAYSTACK POND	VT	42-55'00"N	72-55'00"W	15' WILMINGTON
1C1-111	HOLLAND POND	VT	44-59'10"N	71-55'45"W	15' ISLAND POND
1C1-112	HOWE POND	VT	42-47'08"N	72-59'15"W	15' WILMINGTON
1C1-113	SOMERSET RESERVOIR	VT	43-00'00"N	72-56'20"W	15' LONDONDERRY/WILMINGTON
1C1-114	STERLING POND	VT	44-33'22"N	72-46'28"W	7.5' MT MANSFIELD
1C1-115	MOSES POND	VT	43-20'03"N	72-50'35"W	15' WALLINGFORD
1C1-116	GRANITE LAKE	NH	43-01'15"N	72-08'30"W	15' LOVEWELL MTN.
1C1-117	PEA PORRIDGE POND	NH	43-56'28"N	71-07'15"W	15' OSSIPEE LAKE
1C1-118	PROVINCE LAKE	NH	43-41'30"N	71-00'00"W	15' WOLFEBORO/NEWFIELD
1C1-119	SAND POND	NH	43-10'45"N	72-10'00"W	15' LOVEWELL MTN.
1C1-120	SILVER LAKE	NH	43-52'00"N	71-10'30"W	15' OSSIPEE LAKE

(continued)

TABLE 6-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
1C2-071	PIGEON POND	VT	44-14'45"N	72-19'45"W	15' EAST BARRE/PLAINFIELD
1C2-072	LAKE NINEVAH	VT	43-28'15"N	72-45'30"W	15' WALLINGFORD
1C2-073	OSMORE POND	VT	44-18'30"N	72-16'45"W	15' PLAINFIELD
1C2-074	WHEELER POND	VT	44-42'30"N	71-38'30"W	15' GUILDHALL
1C2-075	COW MTN. POND	VT	44-33'40"N	71-42'10"W	15' GUILDHALL
1C2-076	CANAAN STREET LAKE	NH	43-40'00"N	72-02'00"W	15' MASCOMA
1C2-077	CONTOOCOOK LAKE	NH	42-47'30"N	72-00'30"W	15' MONADNOCK
1C2-078	CRYSTAL LAKE	NH	43-26'30"N	71-18'45"W	15' GILMANTON
1C2-079	HALFMOON LAKE	NH	43-23'30"N	71-13'45"W	15' ALTON
1C2-080	HUBBARD POND	NH	42-46'45"N	71-58'00"W	15' PETERBOROUGH
1C2-081	ONWAY LAKE	NH	43-02'30"N	71-13'15"W	7.5' MT PAWTUCKAWAY
1C2-082	WHITEOAK POND	NH	43-43'05"N	71-33'30"W	15' HOLDERNESS
1C3-075	SOUTH POND	VT	42-50'38"N	72-42'45"W	15' BRATTLEBORO
1C3-076	FORESTER POND	VT	43-04'54"N	72-52'05"W	15' LONDONDERRY
1C3-077	AYERS POND	NH	43-15'00"N	71-03'00"W	15' ALTON/7.5' BARRINGTON
1C3-078	FOREST LAKE	NH	42-47'45"N	72-22'00"W	15' KEENE
1C3-079	LOVELL LAKE	NH	43-32'20"N	71-00'00"W	15' WOLFEBORO/NEWFIELD
1C3-080	SWAIN'S LAKE	NH	43-11'30"N	71-03'00"W	7.5' BARRINGTON
1C3-081	COLE POND	VT	43-08'55"N	72-48'20"W	15' LONDONDERRY
1E1-131	ANDERSON POND	ME	44-38'52"N	68-03'35"W	7.5' TUNK MOUNTAIN
1E1-132	LITTLE LONG POND	ME	44-38'15"N	68-04'41"W	7.5' TUNK MOUNTAIN
1E1-133	TILDEN POND	ME	44-38'05"N	68-04'20"W	7.5' TUNK MOUNTAIN
1E1-134	MUD POND	ME	44-37'59"N	68-05'27"W	7.5' TUNK MOUNTAIN
1E1-135	SALMON POND	ME	44-37'53"N	68-05'10"W	7.5' TUNK MOUNTAIN
1E1-136	SPRING RIVER LAKE	ME	44-37'10"N	68-03'00"W	7.5' TUNK MOUNTAIN/TUNK LAKE
2A1-061	HUSTLER LAKE	MN	48-14'00"N	92-09'30"W	7.5' SHELL LAKE
2A2-063	CRUISER LAKE	MN	48-29'54"N	92-48'19"W	7.5' ASH RIVER NE/KEMPTON BAY
2A2-064	WEIR LAKE	MN	48-29'47"N	92-44'33"W	7.5' NAMAKAN ISLAND
2A2-065	SHOEPACK LAKE	MN	48-30'13"N	92-53'00"W	7.5' SOLDIER POINT/KEMPTON BAY/DALEY BAY
2A2-066	LOITEN LAKE	MN	48-31'33"N	92-55'24"W	7.5' SOLDIER POINT

(continued)

TABLE 6-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2A2-067	LOCATOR LAKE	MN	48-32'26"N	93-00'13"W	7.5' CRANBERRY BAY/SOLDIER POINT
2A3-086	SPRING LAKE	MN	48-22'22"N	92-37'48"W	7.5' NAMAKAN ISLAND/MARION L/JOHNSON L
2A3-087	LONG LAKE	MN	48-18'25"N	92-43'30"W	7.5' ASH RIVER SE/MARION LAKE
2A3-088	DUNNIGAN LAKE	MN	47-42'30"N	91-37'50"W	7.5' SLATE LAKE WEST
2B2-101	MURRAY LAKE	MI	46-28'15"N	85-42'05"W	7.5' BUCKEYE LAKE
2B2-102	BUCKEYE LAKE	MI	46-27'57"N	85-44'19"W	7.5' BUCKEYE LAKE
2B2-103	STUART LAKE	MI	46-35'24"N	85-30'35"W	7.5' MUSKALLONGE LAKE SE
2B2-104	CAMP EIGHT LAKE	MI	46-35'57"N	85-40'12"W	7.5' MUSKALLONGE LAKE SW
2B2-105	CUSINO LAKE	MI	46-27'16"N	86-15'30"W	15' SHINGLETON
2B2-106	NEVINS LAKE	MI	46-31'00"N	86-14'35"W	7.5' TRAPPERS LAKE/AU SABLE POINT SW
2B3-081	MONOCLE LAKE	MI	46-28'30"N	84-38'45"W	7.5' DOLLAR SETTLEMENT
2B3-082	WARNERS LAKE	MI	46-42'00"N	85-02'25"W	7.5' SHELLDRAKE
2B3-083	KELLY LAKE	MI	46-26'24"N	85-38'45"W	7.5' BUCKEYE LAKE
2B3-084	CHRIS BROWN LAKE	MI	46-37'34"N	85-30'27"W	7.5' MUSKALLONGE LAKE EAST & SE
2C1-061	DUCK LAKE	WI	45-22'50"N	89-14'45"W	7.5' ELCHO/ENTERPRISE
2C1-062	SUMMIT LAKE	WI	45-22'30"N	89-12'25"W	7.5' ELCHO/KEMPSTER
2C1-063	SUNSET LAKE	WI	45-55'35"N	89-20'15"W	7.5' EAGLE RIVER WEST
2C1-064	VANDERCOOK LAKE	WI	45-58'55"N	89-41'13"W	7.5' WOODRUFF
2C1-065	GREATER BASS LAKE	WI	45-21'25"N	89-11'30"W	7.5' KEMPSTER
2C1-066	CAMP TEN LAKE	WI	45-59'50"N	89-23'05"W	7.5' ST GERMAIN
2C1-067	ELNA LAKE	WI	45-41'36"N	89-34'05"W	7.5' MC NAUGHTON
2C1-068	SAND LAKE	WI	45-43'28"N	89-39'05"W	7.5' HARSHAW
2C1-069	NICHOLS LAKE	WI	46-06'14"N	89-41'15"W	7.5' BOULDER JUNCTION
2C1-070	CRYSTAL LAKE	WI	46-00'05"N	89-36'45"W	7.5' WHITE SAND LAKE/SAYNER
2C1-071	LITTLE ROCK LAKE	WI	45-59'55"N	89-42'15"W	7.5' BOULDER JUNCTION/WOODRUFF
2C1-072	MIDGE(LARRAINE)LAKE	WI	46-00'05"N	89-41'40"W	7.5' BOULDER JUNCTION/WOODRUFF
2C1-073	LONG LAKE	WI	45-43'00"N	89-36'15"W	7.5' MC NAUGHTON
2C1-074	CLEAR LAKE	WI	45-22'00"N	89-13'50"W	7.5' KEMPSTER
2C1-075	CAMP TWELVE LAKE	WI	45-59'03"N	89-22'14"W	7.5' EAGLE RIVER WEST
2C2-061	FINLEY LAKE	WI	45-54'40"N	89-25'00"W	7.5' ST GERMAIN

(continued)

TABLE 6-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
2C2-062	LUNA LAKE	WI	45-54'19"N	88-57'35"W	7.5' ALVIN NW
2C2-063	SUGAR CAMP LAKE	WI	45-48'00"N	89-18'15"W	7.5' SUGAR CAMP
2C2-064	ALDRIDGE LAKE	WI	45-51'55"N	89-18'05"W	7.5' SUGAR CAMP
2C2-065	BROWN LAKE	WI	45-46'50"N	89-29'30"W	7.5' DAM LAKE
2C2-066	FOUND LAKE	WI	45-57'05"N	89-27'10"W	7.5' ST GERMAIN
2C2-067	MOON LAKE	WI	45-55'05"N	89-26'05"W	7.5' ST GERMAIN
2C3-061	SMOKY LAKE	MI	46-05'45"N	88-56'30"W	7.5' SMOKY LAKE
2C3-062	BIG CROOKED LAKE	WI	46-02'00"N	89-51'25"W	7.5' MANITOWISH LAKE
2C3-063	CHAIN LAKE	WI	45-50'30"N	89-22'05"W	7.5' SUGAR CAMP
2C3-064	DOG LAKE	WI	45-46'45"N	89-06'30"W	7.5' JULIA LAKE
2C3-065	HARMONY LAKE	WI	45-57'10"N	89-11'20"W	7.5' EAGLE RIVER EAST
2C3-066	ISLAND LAKE	WI	45-49'45"N	89-07'55"W	7.5' THREE LAKES
2C3-067	OTTER LAKE	WI	45-26'30"N	89-32'45"W	7.5' HARRISON
2C3-068	PLUMMER LAKE	WI	45-58'10"N	89-46'30"W	7.5' FENCE LAKE
2C3-069	SHISHEBOGAMA LAKE	WI	45-53'55"N	89-49'15"W	7.5' FENCE LAKE
2C3-070	TROSTEL LAKE	WI	46-16'13"N	89-54'40"W	7.5' CHANEY LAKE
2D3-072	CRUM LAKE	MN	47-51'50"N	93-18'37"W	7.5' DEER LAKE EAST
3A2-061	RAVENEL(CULLASAJA)L.	NC	35-05'07"N	83-09'40"W	7.5' HIGHLANDS
3A2-062	SANTEETLAH LAKE	NC	35-22'00"N	83-52'30"W	7.5' SANTEETLAH CK./TAPOCO/ROBBINSVILLE
3A2-063	THUNDER LAKE	NC	35-07'50"N	82-39'55"W	7.5' BREVARD
3A2-064	WINFIELD SCOTT LAKE	GA	34-44'21"N	83-58'25"W	7.5' NEELS GAP
3A2-065	PRICE LAKE	NC	36-08'15"N	81-44'00"W	7.5' BOONE
3A2-066	MARS HILL LAKE	NC	35-56'40"N	82-29'40"W	7.5' BALD CREEK
3A3-101	CHATUGE LAKE	NC	35-00'45"N	83-47'15"W	7.5' HIAWASEE/MACEDONIA/HAYESV./SHOOT.CR
3A3-102	MILLER LAKE	TN	36-10'42"N	82-09'23"W	7.5' IRON MTN. GAP
3A3-103	WATAUGA LAKE	TN	36-19'40"N	82-05'00"W	7.5' ELIZABETHTON/ELKS MILL/WATAUGA D.
3A3-104	WOLF CREEK RESERVOIR	NC	35-16'05"N	82-58'10"W	7.5' SAM KNOB
3B1-141	MAGNOLIA LAKE	FL	29-49'28"N	82-01'07"W	7.5' KEYSTONE HEIGHTS
3B1-142	SAND HILL (LOWRY) LA	FL	29-50'54"N	82-00'29"W	7.5' KEYSTONE HEIGHTS/GOLD HEAD BRANCH
3B1-143	WILDCAT LAKE	FL	29-09'54"N	81-37'45"W	7.5' ASTOR/JUNIPER SPRINGS

(continued)

TABLE 6-1 (continued)

Lake ID	Lake name	State	Latitude	Longitude	Map scale/name
3B1-144	TOMAHAWK LAKE	FL	29-07'58"N	81-54'25"W	7.5' LYNNE
3B3-182	OCEAN POND	FL	30-13'45"N	82-26'15"W	7.5' OLUSTEE
3B3-183	CHERRY LAKE	FL	30-37'00"N	83-24'53"W	7.5' CHERRY LAKE
3B3-184	CRYSTAL LAKE	FL	30-27'14"N	85-42'08"W	7.5' CRYSTAL LAKE
3B3-185	COMPASS LAKE	FL	30-27'34"N	85-42'37"W	7.5' CRYSTAL LAKE
3B3-186	LAKE LUCERNE	FL	28-04'46"N	81-41"03"W	7.5' WINTER HAVEN

SECTION 7

SPECIAL INTEREST LAKES SORTED BY STATE AND LAKE NAME

This section (Table 7-1) lists all special interest lakes (those not part of the probability sample), sorted by state and lake name.

The table includes: the name of the state in which the lake is located, the lake name as it appears on the appropriate USGS map, the lake ID as described in Section 5, the latitude and longitude (in degrees-minutes-seconds) and the date the lake was sampled.

TABLE 7-1. SPECIAL INTEREST LAKES SORTED BY STATE AND LAKE NAME

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
FLORIDA	CHERRY LAKE	3B3-183	30-37'00"N	83-24'53"W	14DEC84
	COMPASS LAKE	3B3-185	30-27'34"N	85-42'37"W	14DEC84
	CRYSTAL LAKE	3B3-184	30-27'14"N	85-42'08"W	14DEC84
	LAKE LUCERNE	3B3-186	28-04'46"N	81-41"03"W	05DEC84
	MAGNOLIA LAKE	3B1-141	29-49'28"N	82-01'07"W	11DEC84
	OCEAN POND	3B3-182	30-13'45"N	82-26'15"W	13DEC84
	SAND HILL (LOWRY) LA	3B1-142	29-50'54"N	82-00'29"W	13DEC84
	TOMAHAWK LAKE	3B1-144	29-07'58"N	81-54'25"W	10DEC84
	WILDCAT LAKE	3B1-143	29-09'54"N	81-37'45"W	09DEC84
GEORGIA	WINFIELD SCOTT LAKE	3A2-064	34-44'21"N	83-58'25"W	26NOV84
MAINE	ANDERSON POND	1E1-131	44-38'52"N	68-03'35"W	22OCT84
	LITTLE LONG POND	1E1-132	44-38'15"N	68-04'41"W	22OCT84
	MUD POND	1E1-134	44-37'59"N	68-05'27"W	22OCT84
	SALMON POND	1E1-135	44-37'53"N	68-05'10"W	22OCT84
	SPRING RIVER LAKE	1E1-136	44-37'10"N	68-03'00"W	22OCT84
	TILDEN POND	1E1-133	44-38'05"N	68-04'20"W	22OCT84
MICHIGAN	BUCKEYE LAKE	2B2-102	46-27'57"N	85-44'19"W	24OCT84
	CAMP EIGHT LAKE	2B2-104	46-35'57"N	85-40'12"W	24OCT84
	CHRIS BROWN LAKE	2B3-084	46-37'34"N	85-30'27"W	23OCT84
	CUSINO LAKE	2B2-105	46-27'16"N	86-15'30"W	20OCT84
	KELLY LAKE	2B3-083	46-26'24"N	85-38'45"W	23OCT84
	MONOCLE LAKE	2B3-081	46-28'30"N	84-38'45"W	22OCT84
	MURRAY LAKE	2B2-101	46-28'15"N	85-42'05"W	24OCT84
	NEVINS LAKE	2B2-106	46-31'00"N	86-14'35"W	20OCT84
	SMOKY LAKE	2C3-061	46-05'45"N	88-56'30"W	10OCT84
	STUART LAKE	2B2-103	46-35'24"N	85-30'35"W	23OCT84
	WARNERS LAKE	2B3-082	46-42'00"N	85-02'25"W	23OCT84

(continued)

TABLE 7-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
MINNESOTA	CRUISER LAKE	2A2-063	48-29'54"N	92-48'19"W	21OCT84
	CRUM LAKE	2D3-072	47-51'50"N	93-18'37"W	13OCT84
	DUNNIGAN LAKE	2A3-088	47-42'30"N	91-37'50"W	08OCT84
	HUSTLER LAKE	2A1-061	48-14'00"N	92-09'30"W	30OCT84
	LOCATOR LAKE	2A2-067	48-32'26"N	93-00'13"W	21OCT84
	LOITEN LAKE	2A2-066	48-31'33"N	92-55'24"W	21OCT84
	LONG LAKE	2A3-087	48-18'25"N	92-43'30"W	21OCT84
	SHOEPACK LAKE	2A2-065	48-30'13"N	92-53'00"W	21OCT84
	SPRING LAKE	2A3-086	48-22'22"N	92-37'48"W	21OCT84
	WEIR LAKE	2A2-064	48-29'47"N	92-44'33"W	21OCT84
NEW HAMPSHIRE	AYERS POND	1C3-077	43-15'00"N	71-03'00"W	30OCT84
	CANAAN STREET LAKE	1C2-076	43-40'00"N	72-02'00"W	23OCT84
	CONTOOCOOK LAKE	1C2-077	42-47'30"N	72-00'30"W	01NOV84
	CRYSTAL LAKE	1C2-078	43-26'30"N	71-18'45"W	30OCT84
	FOREST LAKE	1C3-078	42-47'45"N	72-22'00"W	01NOV84
	GRANITE LAKE	1C1-116	43-01'15"N	72-08'30"W	24OCT84
	HALFMOON LAKE	1C2-079	43-23'30"N	71-13'45"W	30OCT84
	HUBBARD POND	1C2-080	42-46'45"N	71-58'00"W	03NOV84
	LOVELL LAKE	1C3-079	43-32'20"N	71-00'00"W	29OCT84
	ONWAY LAKE	1C2-081	43-02'30"N	71-13'15"W	30OCT84
	PEA PORRIDGE POND	1C1-117	43-56'28"N	71-07'15"W	25OCT84
	PROVINCE LAKE	1C1-118	43-41'30"N	71-00'00"W	29OCT84
	SAND POND	1C1-119	43-10'45"N	72-10'00"W	24OCT84
	SILVER LAKE	1C1-120	43-52'00"N	71-10'30"W	25OCT84
	SWAIN'S LAKE	1C3-080	43-11'30"N	71-03'00"W	30OCT84
	WEARE RESERVOIR	1C1-102	43-05'45"N	71-47'30"W	01NOV84
	WHITEOAK POND	1C2-082	43-43'05"N	71-33'30"W	24OCT84
NEW JERSEY	BUTLER RESERVOIR	1B3-080	41-01'45"N	74-23'07"W	16NOV84

(continued)

TABLE 7-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
NEW JERSEY (cont)	CLINTON RESERVOIR	1B3-079	41-05'00"N	74-27'15"W	16NOV84
	CLYDE POTTS RESERVOIR	1B3-077	40-48'22"N	74-35'00"W	16NOV84
	FAIRVIEW LAKE	1B3-071	41-04'35"N	74-54'45"W	18NOV84
	GREEN POND	1B3-073	41-00'07"N	74-30'00"W	16NOV84
	HANKS POND	1B3-075	41-05'00"N	74-26'15"W	16NOV84
	LAKE DENMARK	1B3-076	40-58'15"N	74-31'00"W	16NOV84
	LAKE MARCIA	1B3-072	41-19'03"N	74-40'02"W	18NOV84
	LAKE OWASSA	1B3-070	41-09'15"N	74-48'45"W	18NOV84
	RAMAPO LAKE	1B3-074	41-02'15"N	74-16'00"W	16NOV84
	SAWMILL POND	1B3-069	41-17'37"N	74-41'15"W	18NOV84
	SPLITROCK RESERVOIR	1B3-078	40-59'00"N	74-26'15"W	16NOV84
NEW YORK	(UPPER)LOOMIS POND	1A2-070	43-18'15"N	74-29'40"W	30OCT84
	BARNES LAKE	1A2-076	43-34'00"N	75-13'40"W	16OCT84
	BIG MOOSE LAKE	1A1-103	43-49'45"N	74-51'00"W	16OCT84
	BREWER LAKE	1A3-069	43-35'32"N	75-05'15"W	16OCT84
	BUBB LAKE	1A1-113	43-46'15"N	74-51'15"W	14OCT84
	CASCADE LAKE	1A1-105	43-47'28"N	74-48'15"W	14OCT84
	CEDAR LAKES	1A1-099	43-37'15"N	74-33'00"W	30OCT84
	CLEAR POND	1A2-077	44-00'00"N	73-49'20"W	12OCT84
	CLOCKMILL POND	1A2-073	43-20'25"N	74-35'15"W	31OCT84
	CROOKED LAKE	1A1-097	43-59'40"N	74-56'20"W	25OCT84
	CURTIS POND	1A1-100	44-09'35"N	74-45'37"W	13OCT84
	DART LAKE	1A1-106	43-47'50"N	74-51'30"W	14OCT84
	DEEP LAKE	1A1-084	43-37'10"N	74-39'48"W	30OCT84
	DIAMOND LAKE	1A2-074	43-18'25"N	74-43'50"W	31OCT84
	EAST CHARLEY POND	1A1-101	44-02'45"N	74-41'00"W	25OCT84
	EAST POND	1A1-098	44-22'50"N	74-25'50"W	11OCT84
	FISH POND	1A1-092	44-23'37"N	74-22'15"W	11OCT84
	GAL POND	1A1-093	44-02'40"N	74-53'40"W	24OCT84

(continued)

TABLE 7-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
NEW YORK (cont)	HEART LAKE	1A1-102	44-10'56"N	73-58'10"W	12OCT84
	HITCHINS POND	1A1-094	44-00'37"N	74-54'20"W	25OCT84
	HOLMES LAKE	1A2-075	43-11'22"N	74-25'55"W	04NOV84
	JOCKEYBUSH LAKE	1A2-066	43-18'15"N	74-35'45"W	04NOV84
	JONES POND	1A1-091	44-27'08"N	74-11'15"W	11OCT84
	LAKE RONDAXE	1A1-110	43-45'50"N	74-54'20"W	14OCT84
	LITTLE ECHO POND	1A1-107	44-18'20"N	74-21'27"W	12OCT84
	MECO LAKE	1A2-067	43-17'00"N	74-25'33"W	31OCT84
	MERRIAM POND	1A1-108	43-51'28"N	74-50'45"W	14OCT84
	MINNOW POND	1A1-076	43-52'53"N	74-26'15"W	15OCT84
	MOSS LAKE	1A1-109	43-47'10"N	74-51'00"W	14OCT84
	OTTER LAKE	1A2-078	43-11'17"N	74-30'00"W	31OCT84
	PILLSBURY LAKE	1A1-077	43-35'50"N	74-32'00"W	30OCT84
	QUEER LAKE	1A1-089	43-48'40"N	74-48'00"W	14OCT84
	ROCK LAKE	1A2-068	43-19'42"N	74-35'30"W	31OCT84
	SAND POND	1A2-072	43-56'58"N	75-09'40"W	24OCT84
	SILVER LAKE	1A1-078	43-50'38"N	74-54'45"W	14OCT84
	SILVER LAKE	1A2-069	43-17'43"N	74-25'50"W	31OCT84
	SOUTH LAKE	1A1-079	43-35'13"N	74-37'45"W	30OCT84
	SPRUCE LAKE	1A1-080	43-32'00"N	74-36'37"W	30OCT84
	SQUASH POND	1A1-111	43-49'35"N	74-53'23'W	16OCT84
	STEPHEN'S POND	1A1-081	43-49'10"N	74-25'00"W	15OCT84
	STREETER LAKE	1A2-071	44-06'28"N	75-04'20"W	24OCT84
	THIRSTY POND	1A1-082	43-49'22"N	74-54'20"W	14OCT84
	TOAD POND	1A1-095	44-01'10"N	74-56'00"W	24OCT84
	TOWNSEND POND	1A1-086	43-48'50"N	74-50'22"W	16OCT84
	WEST LAKE	1A1-083	43-45'20"N	74-55'15"W	14OCT84
	WEST POND	1A1-112	43-48'40"N	74-52'45"W	14OCT84
	WHIPPLE POND	1A1-090	44-22'36"N	74-18'09"W	12OCT84
	WOODRUFF POND	1A1-088	43-57'54"N	74-08'45"W	15OCT84

(continued)

TABLE 7-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
NORTH CAROLINA	CHATUGE LAKE	3A3-101	35-00'45"N	83-47'15"W	20NOV84
	MARS HILL LAKE	3A2-066	35-56'40"N	82-29'40"W	21NOV84
	PRICE LAKE	3A2-065	36-08'15"N	81-44'00"W	21NOV84
	RAVENEL(CULLASAJA)L.	3A2-061	35-05'07"N	83-09'40"W	25NOV84
	SANTEETLAH LAKE	3A2-062	35-22'00"N	83-52'30"W	20NOV84
	THUNDER LAKE	3A2-063	35-07'50"N	82-39'55"W	29NOV84
	WOLF CREEK RESERVOIR	3A3-104	35-16'05"N	82-58'10"W	25NOV84
TENNESSEE	MILLER LAKE	3A3-102	36-10'42"N	82-09'23"W	21NOV84
	WATAUGA LAKE	3A3-103	36-19'40"N	82-05'00"W	29NOV84
VERMONT	BEAVER POND	1C1-107	45-00'20"N	71-56'30"W	18OCT84
	BEEBE POND	1C1-099	43-03'12"N	73-01'58"W	07NOV84
	BIG MUDDY POND	1C1-108	44-45'20"N	72-36'00"W	29OCT84
	BRANCH POND	1C1-101	43-04'52"N	73-01'07"W	07NOV84
	COLE POND	1C3-081	43-08'55"N	72-48'20"W	06NOV84
	COW MTN. POND	1C2-075	44-33'40"N	71-42'10"W	25OCT84
	FORESTER POND	1C3-076	43-04'54"N	72-52'05"W	23OCT84
	GRIFFITH LAKE	1C1-109	43-18'08"N	72-57'35"W	06NOV84
	GROUT POND	1C1-090	43-02'44"N	72-56'45"W	07NOV84
	HARDWOOD POND	1C1-091	44-28'05"N	72-30'00"W	29OCT84
	HAYSTACK POND	1C1-110	42-55'00"N	72-55'00"W	06NOV84
	HOLLAND POND	1C1-111	44-59'10"N	71-55'45"W	18OCT84
	HOWE POND	1C1-112	42-47'08"N	72-59'15"W	07NOV84
	LAKE MANSFIELD	1C1-105	44-28'20"N	72-49'00"W	29OCT84
	LAKE NINEVAH	1C2-072	43-28'15"N	72-45'30"W	23OCT84
	LILY POND	1C1-092	43-14'03"N	72-45'05"W	23OCT84
	LITTLE AVERILL POND	1C1-103	44-57'18"N	71-43'00"W	18OCT84
	LITTLE POND	1C1-093	42-55'30"N	73-03'55"W	06NOV84
	LITTLE POND	1C1-094	43-07'25"N	72-56'30"W	06NOV84

(continued)

TABLE 7-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
VERMONT (cont)	LITTLE ROCK POND	1C1-104	43-24'00"N	72-57'20"W	06NOV84
	MOSES POND	1C1-115	43-20'03"N	72-50'35"W	06NOV84
	OSMORE POND	1C2-073	44-18'30"N	72-16'45"W	25OCT84
	PIGEON POND	1C2-071	44-14'45"N	72-19'45"W	29OCT84
	SOMERSET RESERVOIR	1C1-113	43-00'00"N	72-56'20"W	23OCT84
	SOUTH POND	1C3-075	42-50'38"N	72-42'45"W	06NOV84
	STAMFORD POND	1C1-095	42-49'20"N	73-03'55"W	07NOV84
	STERLING POND	1C1-114	44-33'22"N	72-46'28"W	29OCT84
	STRATTON POND	1C1-096	43-06'15"N	72-58'10"W	07NOV84
	SUCKER POND	1C1-106	42-49'30"N	73-07'45"W	07NOV84
	SUNSET LAKE	1C1-097	42-55'10"N	72-41'00"W	06NOV84
	UNKNOWN POND	1C1-098	44-54'35"N	71-50'40"W	18OCT84
	WHEELER POND	1C2-074	44-42'30"N	71-38'30"W	25OCT84
WISCONSIN	ALDRIDGE LAKE	2C2-064	45-51'55"N	89-18'05"W	31OCT84
	BIG CROOKED LAKE	2C3-062	46-02'00"N	89-51'25"W	06NOV84
	BROWN LAKE	2C2-065	45-46'50"N	89-29'30"W	27OCT84
	CAMP TEN LAKE	2C1-066	45-59'50"N	89-23'05"W	30OCT84
	CAMP TWELVE LAKE	2C1-075	45-59'03"N	89-22'14"W	04NOV84
	CHAIN LAKE	2C3-063	45-50'30"N	89-22'05"W	31OCT84
	CLEAR LAKE	2C1-074	45-22'00"N	89-13'50"W	05NOV84
	CRYSTAL LAKE	2C1-070	46-00'05"N	89-36'45"W	30OCT84
	DOG LAKE	2C3-064	45-46'45"N	89-06'30"W	10OCT84
	DUCK LAKE	2C1-061	45-22'50"N	89-14'45"W	08NOV84
	ELNA LAKE	2C1-067	45-41'36"N	89-34'05"W	27OCT84
	FINLEY LAKE	2C2-061	45-54'40"N	89-25'00"W	31OCT84
	FOUND LAKE	2C2-066	45-57'05"N	89-27'10"W	31OCT84
	GREATER BASS LAKE	2C1-065	45-21'25"N	89-11'30"W	05NOV84
	HARMONY LAKE	2C3-065	45-57'10"N	89-11'20"W	31OCT84
	ISLAND LAKE	2C3-066	45-49'45"N	89-07'55"W	10OCT84

(continued)

TABLE 7-1 (continued)

State	Lake name	Lake ID	Latitude	Longitude	Date sampled
WISCONSIN (cont)	LITTLE ROCK LAKE	2C1-071	45-59'55"N	89-42'15"W	30OCT84
	LONG LAKE	2C1-073	45-43'00"N	89-36'15"W	07NOV84
	LUNA LAKE	2C2-062	45-54'19"N	88-57'35"W	10OCT84
	MIDGE(LARRAINE)LAKE	2C1-072	46-00'05"N	89-41'40"W	30OCT84
	MOON LAKE	2C2-067	45-55'05"N	89-26'05"W	31OCT84
	NICHOLS LAKE	2C1-069	46-06'14"N	89-41'15"W	09OCT84
	OTTER LAKE	2C3-067	45-26'30"N	89-32'45"W	08OCT84
	PLUMMER LAKE	2C3-068	45-58'10"N	89-46'30"W	01NOV84
	SAND LAKE	2C1-068	45-43'28"N	89-39'05"W	27OCT84
	SHISHEBOGAMA LAKE	2C3-069	45-53'55"N	89-49'15"W	07NOV84
	SUGAR CAMP LAKE	2C2-063	45-48'00"N	89-18'15"W	31OCT84
	SUMMIT LAKE	2C1-062	45-22'30"N	89-12'25"W	05NOV84
	SUNSET LAKE	2C1-063	45-55'35"N	89-20'15"W	30OCT84
	TROSTEL LAKE	2C3-070	46-16'13"N	89-54'40"W	06NOV84
	VANDERCOOK LAKE	2C1-064	45-58'55"N	89-41'13"W	30OCT84

SECTION 8

USGS TOPOGRAPHIC MAPS

Two types of USGS maps were used in the Survey, small-scale and large-scale. The small-scale maps (1:250,000) were used in the initial lake selection process and the large-scale maps (1:24,000, 1:25,000, and 1:62,500) were used for characterization of lakes and watersheds, refinement of the lake selection process (Volume I, Section 2.2), and location of lakes for sampling.

8.1 SMALL-SCALE MAPS

Table 8-1 is a list of all small-scale (1:250,000) USGS topographic maps used in the ELS-I for initial lake selection sorted by map name. Parts of states covered by the maps are indicated in the middle column. Publication dates provide unique map identification; multiple publication dates include dates of map revisions.

8.2 LARGE-SCALE MAPS

Table 8-2 is a list of all large-scale (1:24,000, 1:25,000 and 1:62,500) USGS topographic maps used in the ELS-I for lake selection, sorted by map name. Publication dates provide unique map identification; multiple publication dates indicate dates of map revisions.

TABLE 8-1. SMALL SCALE MAPS

Map name	States covered	Publication dates
ALBANY	NY,NH,VT,MA,CT	1956/1974
ALPENA	MI	1954/1980
ASHLAND	WI,MI,MN	1953/1963
ATHENS	GA,SC	1953/1965
ATLANTA	GA,AL	1953/1970
BANGOR	ME	1956/1965
BATH	ME	1956/1972
BINGHAMTON	NY	1948
BLIND RIVER	MI	1961/1980
BLUEFIELD	WV,VA,KY	1957/1966
BOSTON	MA,NH,CT,RI,ME	1956/1970
BRAINERD	MN	1953/1975
CAMBELLTON	ME	1960
CHARLOTTE	NC,SC	1953/1974
CHATTANOOGA	TN,NC	1957/1972
CHEYBOYGAN	MI	1955/1981
DAYTONA BEACH	FL	1954/1972
DULUTH	MN,WI	1953/1963
EASTPORT	ME	1956
EDMUNDSTON	ME	1962
ELMIRA	NY	1962/1978
ESCANABA	MI,WI	1954/1966
FORT PIERCE	FL	1956/1972
FREDRICTON	ME	1957
GAINESVILLE	FL	1954/1975/1978
GLENS FALLS	NY,VT,NH	1956/1972
GREENSBORO	NC,VA	1953/1980
GREENVILLE	SC,GA,NC	1954/1964
HANCOCK	MI,MN,WI	1958/1966
HARTFORD	CT,NY,NJ,MA	1962/1975
HIBBING	MN	1954/1979
INTERNATIONAL FALLS	MN	1954/1980
IRON MOUNTAIN	MI,WI	1954/1980
IRON RIVER	MI,WI	1958/1967
JACKSONVILLE	FL,GA	1957/1966
JOHNSON CITY	TN,NC,VA,KY	1957/1966
KNOXVILLE	TN,NC,SC	1957/1972
LAKE CHAMPLAIN	NY,NH,VT	1962/1972
LEWISTON	ME,NH,VT	1956/1972
MARQUETTE	MI	1958/1968
MILLINOCKET	ME	1954/1967
NEW YORK	NY,NJ,CT	1960/1979
NEWARK	NJ,NY,PA	1944/1969

(continued)

TABLE 8-1 (continued)

Map name	States covered	Publication dates
OGDENSBURG	NY	1948
ORLANDO	FL	1955/1972
PORTLAND	ME,NH	1956/1972
PRESQUE ISLE	ME	1954/1967
PROVIDENCE	RI,CT,MA,NY	1947/1969
QUEBEC	ME	1962
QUETICO	MN	1957/1981
RICE LAKE	WI	1953/1980
ROANOKE	VA	1971
ROCHESTER	NY	1961/1978
ROME	GA,AL,TN,NC	1958/1966/1972
SAULT SAINTE MARIE	MI	1954/1982
SCRANTON	PA,NJ,NY	1962/1976
SHERBROOKE	ME,NH	1961
STILLWATER	MN,WI	1953/1980
TALLAHASSEE	FL,GA,AL	1954/1966
TAMPA	FL	1956/1972
TARPON SPRINGS	FL	1955/1977
TAWAS CITY	MI	1954/1967
THUNDER BAY	MN,MI	1959/1966
TRAVERSE CITY	MI	1954/1964
TWO HARBORS	MN,MI,WI	1954/1964
UTICA	NY	1962
VALDOSTA	GA,FL	1954/1965
WAYCROSS	GA	1953/1966
WEST PALM BEACH	FL	1956/1972
WILLIAMSPORT	PA,NY	1962/1974
WINSTON-SALEM	NC,VA,TN	1953/1962

TABLE 8-2. LARGE SCALE MAPS

USGS map name	Scale	State	Published date
AFTON	7.5'	NY	1957
ALBA	15'	MI	1956
ALBANY ISLAND	7.5'	MI	1964
ALDENVILLE	7.5'	PA	1946/1969
ALDER BROOK	7.5'	NY	1968
ALICE LAKE	7.5'	MN	1960
ALLAGASH	15'	ME	1930
ALLAGASH LAKE	15'	ME	1961
ALMENA	7.5'	WI	1978
ALTON	15'	NH	1957
ALVIN	7.5'	WI	1970
ALVIN NW	7.5'	WI	1970
ALVIN SW	7.5'	WI	1970
AMASA	7.5'	MI	1945/1975
AMBERG	7.5'	WI	1982
AMITY	15'	ME	1958
AMPERSAND LAKE	7.5'x15'	NY	1978
ANGLEWORM LAKE	7.5'	MN	1963
ANSON	15'	ME	1955
ANSONIA	7.5'	CT	1964/1972
ANVIL LAKE	7.5'	WI	1970
ASH RIVER NE	7.5'	MN	1968/1983
ASH RIVER SE	7.5'	MN	1968
ASHAWAY	7.5'	CT	1953/1970/1975
ASHBURNHAM	7.5'	MA	1965/1979
ASHBURNHAM	7.5'	NH	1965/1979
ASSAWOMPSET POND	7.5'	MA	1978
ASTRID LAKE	7.5'	MN	1963
ATLANTA	15'	MI	1955
ATTEAN	15'	ME	1923
AU SABLE FORKS	7.5'x15'	NY	1978
AU SABLE POINT SE	7.5'	MI	1966
AU SABLE POINT SW	7.5'	MI	1966
AUGER LAKE	7.5'	MI	1973
AUGERHOLE FALLS	7.5'	NY	1970
AUGUSTA	7.5'	ME	1980
AURORA	7.5'	MN	1962/1983
AVERILL	15'	VT	1953
AVOCA	7.5'	PA	1946/1969/1976
AYER	7.5'	MA	1966/1979
BALSAM LAKE	7.5'	MN	1971
BARRE WEST	7.5'	VT	1978
BARRINGTON	7.5'	NH	1981
BASHBISH FALLS	7.5'	CT	1958/1969

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
BASSWOOD LAKE	15'	MN	1957
BASSWOOD LAKE NW (OP)	7.5'	MN	1976
BASSWOOD LAKE SE (OP)	7.5'	MN	1976
BATH	15'	ME	1957
BAVARIA	7.5'	WI	1973
BEAN LAKE	7.5'	WI	1971
BEAR ISLAND	7.5'	MN	1965
BEATON	7.5'	MI	1982
BEAVER POND	15'	ME	1955
BELFORT	7.5'	NY	1966
BELGRADE	7.5'	ME	1980
BELGRADE LAKES	7.5'	ME	1982
BELLOWS FALLS	15'	NH	1957
BENNINGTON	7.5'	VT	1954
BENSON	7.5'	VT	1946
BERGLAND	15'	MI	1956
BERGLAND	7.5'	MI	1982
BETH LAKE	7.5'	MN	1960
BETHEL	7.5'	CT	1970
BETSY LAKE NORTH	7.5'	MI	1968
BETSY LAKE NW	7.5'	MI	1968
BETSY LAKE SW	7.5'	MI	1968
BIG LAKE	15'	ME	1963
BIG MOOSE	15'	NY	1954
BIG ROUND LAKE	7.5'	WI	1983
BIGELOW	7.5'	NY	1956
BINGHAM	15'	ME	1956
BIRCH ISLAND LAKE	7.5'	WI	1982
BIRCHWOOD	7.5'	WI	1982
BLACK OAK LAKE	7.5'	WI	1981
BLACKSTONE	7.5'	MA	1969/1979
BLAKESLEE	7.5'	PA	1965/1973
BLANDFORD	7.5'	MA	1972
BLANEY PARK	7.5'	MI	1972
BLOOMINGDALE	7.5'x15'	NY	1978
BLUE HILL	15'	ME	1957
BLUE MOUNTAIN	15'	NY	1954
BOB LAKE	7.5'	WI	1975
BOLTON LANDING	7.5'	NY	1966
BOMOSEEN	7.5'	VT	1944
BOONTON	7.5'	NJ	1954/1981
BOONVILLE	7.5'	NY	1955
BOOTLEG LAKE	7.5'	MN	1963
BOULDER JUNCTION	15'	WI	1955

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
BOULDER JUNCTION	7.5'	WI	1981
BOULTON MOUNTAIN	7.5'	VT	1948
BOUNDARY POND	7.5'	ME	1970
BRADLEY	7.5'	WI	1971
BRANCHVILLE	7.5'	NJ	1954/1971
BRANDON	7.5'	VT	1946
BRANFORD	7.5'	CT	1967/1972
BRANT LAKE	7.5'	NY	1966
BRANTINGHAM	7.5'	NY	1966
BRASSUA LAKE	15'	ME	1957
BRATTLEBORO	15'	VT	1954
BREWER LAKE	7.5'	ME	1982
BRIDGEWATER	7.5'	MA	1977
BRISTOL	7.5'	CT	1966/1972
BRITT	7.5'	MN	1951/1969
BROTHER PONDS	7.5'	NY	1970
BRULE LAKE	7.5'	MN	1960
BRYANT POND	7.5'	ME	1967
BUCK HILL FALLS	7.5'	PA	1966/1973
BUCKEYE LAKE	7.5'	MI	1973
BUCKFIELD	7.5'	ME	1967
BUCKSPORT	15'	ME	1955
BURNT HILLS	7.5'	NY	1954/1980
BUSHKILL	7.5'	PA	1944/1983
BUTTERNUT	15'	WI	1968
BUXTON	15'	ME	1942
CABIN LAKE	7.5'	MN	1982
CALAIS	15'	ME	1929
CANADA LAKE	7.5'	NY	1945
CANDIA	7.5'	NH	1969
CANTON	7.5'	ME	1967
CANTON	7.5'	PA	1970
CARBONDALE	7.5'	PA	1946/1969
CARDIGAN	15'	NH	1956
CAROGA LAKE	7.5'	NY	1970
CAROLINA	7.5'	RI	1953/1970
CARRY FALLS RESERVOIR	7.5'	NY	1970
CAUCOMGOMOC LAKE	15'	ME	1958
CENTER MORELAND	7.5'	PA	1946/1969/1977
CENTRAL LAKE	15'	MI	1954
CENTRAL LAKES	7.5'	MN	1951/1969
CHAD LAKE	7.5'	MN	1956
CHAIN LAKE	7.5'	WI	1972
CHAMPION	15'	MI	1955

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
CHAMPION	7.5'	MI	1955
CHANEY LAKE	7.5'	MI	1982
CHANNING	7.5'	MI	1955/1975
CHEPACHET	7.5'	RI	1955/1970/1975
CHEROKEE LAKE	7.5'	MN	1960
CHERRYFIELD	15'	ME	1902
CHESHIRE	7.5'	MA	1973
CHESTER	7.5'	NJ	1954/1981
CHESTERTOWN	7.5'	NY	1968
CHESUNCOOK	15'	ME	1958
CHILDWOLD	7.5'	NY	1968
CHITTAMO	7.5'	WI	1971
CHITTAMO NE	7.5'	WI	1971
CHURCHILL LAKE	15'	ME	1962
CINCINNATUS	7.5'	NY	1943
CLAREMONT	15'	NH	1957
CLARKSVILLE	7.5'	NY	1953/1980
CLARYVILLE	7.5'	NY	1966
CLAYVILLE	7.5'	RI	1955/1970
CLINTON	7.5'	CT	1961/1970
COHASSET WEST	7.5'	MN	1953/1969
COLCHESTER	7.5'	CT	1953/1970
COLUMBIA	7.5'	CT	1953/1970
COMINS	15'	MI	1955
COMSTOCK LAKE	7.5'	MN	1957/1976
CONCORD	7.5'	MA	1970/1979
CONCORD	7.5'	NH	1967
CONKLINGVILLE	7.5'	NY	1966
CONNERS ISLAND	7.5'	MN	1959
COOKS	15'	MI	1958
COON LAKE	7.5'	MN	1970
CORNER LAKE	15'	MI	1958
CORNISH	7.5'	ME	1964
CORNUCOPIA	7.5'	WI	1964
CORRINA	7.5'	ME	1982
COSSAYUNA	7.5'	NY	1944
COTUIT	7.5'	MA	1974
COVENTRY CENTER	7.5'	RI	1955/1970
CRAB LAKE	7.5'	MN	1956
CRAMER	15'	MN	1955
CRAMER	7.5'	MN	1981
CRANBERRY BAY	7.5'	MN	1969/1983
CRANBERRY LAKE	7.5'	NY	1968
CRANDON	7.5'	WI	1965/1982

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
CROCODILE LAKE	7.5'	MN	1959
CROMPTON	7.5'	RI	1955/1970
CROSBY	7.5'	MN	1973
CROSS LAKE	7.5'	MN	1960
CROTON FALLS	7.5'	NY	1960/1981
CRYSTAL DALE	7.5'	NY	1966
CULVERS GAP	7.5'	NJ	1954/1971
CUMBERLAND	7.5'	WI	1982
CUPSUPTIC	15'	ME	1931
CURTIS WEST	7.5'	MI	1972
CUYLER	7.5'	NY	1943
DAFTER	7.5'	MI	1951/1975
DALEY BAY	7.5'	MN	1968/1983
DALTON	7.5'	PA	1946/1969
DAM LAKE	7.5'	WI	1970
DANIELSON	7.5'	CT	1955/1970
DANNEMORA	7.5'	NY	1966
DE TOUR VILLAGE	7.5'	MI	1964
DEBAR MOUNTAIN	7.5'	NY	1968
DEER ISLE	15'	ME	1942
DEER LAKE	7.5'	MI	1948/1975
DEER LAKE EAST (OM)	7.5'	MN	1970
DEER RIVER	7.5'	MN	1970
DELAWARE	7.5'	MI	1948/1975
DELTA	7.5'	WI	1971
DENHAM	7.5'	MN	1982
DENNIS	7.5'	MA	1974
DEPOSIT	7.5'	NY	1965
DEPOT LAKE	15'	ME	1955
DEWEY LAKE	7.5'	MN	1955/1969/1976
DEWEY LAKE NW	7.5'	MN	1955
DEWEY LAKE SE	7.5'	MN	1955/1969/1976
DIAMOND LAKE	7.5'	WI	1971
DIXMONT	7.5'	ME	1982
DIXVILLE	15'	NH	1930
DOLLAR SETTLEMENT	7.5'	MI	1951/1976
DONKEN	7.5'	MI	1982
DOVER	7.5'	NJ	1954/1981
DOVER PLAINS	7.5'	NY	1958/1971
DOVER WEST	7.5'	NH	1956/1973
DOVER-FOXCROFT	15'	ME	1932
DRIGGS LAKE	7.5'	MI	1972
DRUMMOND NW	7.5'	WI	1971
DRUMMOND SE	7.5'	MI	1964/1976

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
DURHAM	7.5'	CT	1964/1972
DUTCH MTN	7.5'	PA	1946/1969
DUXBURY	7.5'	MN	1981
EAGLE LAKE	15'	ME	1928
EAGLE LAKE	7.5'	NY	1973
EAGLE MTN	7.5'	MN	1960
EAGLE RIVER EAST	7.5'	WI	1970
EAGLE RIVER WEST	7.5'	WI	1970/1982
EAGLES NEST	7.5'	MN	1956/1969
EAST ANDOVER	7.5'	ME	1968
EAST BARRE	15'	VT	1957
EAST BROOKFIELD	7.5'	MA	1969/1979
EAST HAMPTON	7.5'	NY	1956
EAST HAVERHILL	7.5'	NH	1967
EAST KILLINGLY	7.5'	CT	1955/1970/1974
EAST LEE	7.5'	MA	1973
EAST PITTSTON	7.5'	ME	1970
EAST STROUDSBURG	7.5'	PA	1944/1983
EASTFORD	7.5'	CT	1983
ECHO LAKE	7.5'	MI	1982
ECHO LAKE	7.5'	MN	1963
EDGEMERE	7.5'	PA	1965/1973
EDGEWATER	7.5'	WI	1972
EDINBURG	7.5'	NY	1970
EDNA LAKE	7.5'	MN	1970
EDWARDS	7.5'	NY	1956/1982
ELCHO	7.5'	WI	1973
ELDRED	7.5'	NY	1967
ELIZABETHTOWN	7.5'x15	NY	1978
ELLISBURG	7.5'	NY	1958
ELLISON LAKE	15'	WI	1961
ELLSWORTH	15'	ME	1957
ELY	7.5'	MN	1965
EMBARRASS	7.5'	MN	1949/1969
EMERSON	7.5'	MI	1951/1975
ENGADINE	7.5'	MI	1973
ENSIGN LAKE	15'	MN	1957
ENSIGN LAKE SE (OP)	7.5'	MN	1976
ENSIGN LAKE SW (OP)	7.5'	MN	1976
ENTERPRISE	7.5'	WI	1973
EPPING	7.5'	NH	1981
ERROL	15'	NH	1930
ESSEX CENTER	7.5'	VT	1948/1972
EVELETH	7.5'	MN	1951/1983

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
FACTORYVILLE	7.5'	PA	1946/1969
FALMOUTH	7.5'	MA	1972/1979
FARM LAKE	7.5'	MN	1981
FARMINGTON	7.5'	ME	1968
FARMINGTON FALLS	7.5'	ME	1968
FARQUHAR PEAK	7.5'	MN	1960/1976
FAYETTE	7.5'	ME	1966
FENCE LAKE	7.5'	WI	1971
FINE	7.5'	NY	1966
FINLAYSON	7.5'	MN	1981
FIRESIDE LAKES	7.5'	WI	1972
FIRST ROACH POND	15'	ME	1952
FISH RIVER LAKE	15'	ME	1931
FITCHBURG	7.5'	MA	1969/1979
FIVE PONDS	7.5'	NY	1969
FLATBROOKVILLE	7.5'	NJ	1954/1971
FLORENCE SE	7.5'	WI	1962
FOREST	15'	ME	1940
FOREST CENTER	15'	MN	1957
FOREST CITY	7.5'	PA	1946/1969
FOURTOWN LAKE	7.5'	MN	1963
FRANKLIN	7.5'	NJ	1954/1971
FREDERIC	7.5'	WI	1983
FREELAND	7.5'	PA	1948/1969/1976
FRIDAY BAY	7.5'	MN	1963
FRIENDSHIP	7.5'	ME	1955/1973
FRYEBURG	7.5'	ME	1963
FULLER	7.5'	MI	1982
GABBRO LAKE	7.5'	MN	1981
GALWAY	7.5'	NY	1970
GANSEVOORT	7.5'	NY	1968
GARDNER	7.5'	MA	1970/1979
GARDNER LAKE	15'	ME	1941
GARNET	7.5'	MI	1973
GAYLORD	15'	MI	1954
GEORGETOWN	7.5'	MA	1966/1979
GERMFASK	7.5'	MI	1972
GILCHRIST	7.5'	MI	1973
GILLIS LAKE	7.5'	MN	1959
GILMANTON	15'	NH	1957
GLASTONBURY	7.5'	CT	1964/1972
GLENS FALLS	7.5'	NY	1966
GLOUCESTER	7.5'	MA	1973
GLOVERSVILLE	7.5'	NY	1970

(continued)

TABLE B-2 (continued)

USGS map name	Scale	State	Published date
GOGEBIC	7.5'	MI	1982
GOLDEN LAKE	7.5'	MI	1981
GORDON	7.5'	WI	1982
GOSHEN	7.5'	MA	1972
GOSSVILLE	7.5'	NH	1967
GOULD CITY	7.5'	MI	1973
GOUVERNEUR	7.5'	NY	1956/1982
GRAFTON	7.5'	MA	1969/1979
GRAND LAKE SEBOEIS	15'	ME	1954
GRAND MARAIS SE	7.5'	MI	1968
GRAND SABLE LAKE	7.5'	MI	1966
GRAND VIEW NW	7.5'	WI	1971
GRANTSBURG	7.5'	WI	1982
GRAPHITE	7.5'	NY	1973
GRAVE LAKE	7.5'	MN	1973
GRAVERAET RIVER	7.5'	MI	1954/1975
GRAY	7.5'	ME	1980
GREAT BARRINGTON	7.5'	MA	1973
GREAT POND	15'	ME	1957
GREEN LAKE	7.5'	ME	1982
GREENLAW	15'	ME	1930
GREENVILLE	15'	ME	1951
GREENWOOD	7.5'	ME	1967
GREENWOOD LAKE EAST	7.5'	MN	1982
GREENWOOD LAKE WEST	7.5'	MN	1982
GROVER	7.5'	PA	1969
GUILDHALL	15'	VT	1956
GUILFORD	15'	ME	1933
GUILFORD	7.5'	NY	1943
GULLIVER	7.5'	MI	1972
GUNFLINT LAKE	7.5'	MN	1960
GWINN	15'	MI	1952
GWINN	7.5'	MI	1952/1975
HADDAM	7.5'	CT	1961/1971
HAGERMAN LAKE	7.5'	MI	1981
HAMBURG	7.5'	CT	1961/1971
HAMBURG	7.5'	NJ	1954/1971
HAMILTON	7.5'	NY	1943
HAMPDEN	7.5'	ME	1982
HANCOCK	7.5'	MA	1973
HANCOCK	7.5'	MI	1946/1975
HANOVER	7.5'	MA	1978
HARDWICK	15'	VT	1951
HARFORD	7.5'	PA	1968/1978

(continued)

TABLE B-2 (continued)

USGS map name	Scale	State	Published date
HARRINGTON LAKE	15'	ME	1954
HARRIS LAKE	7.5'	MI	1982
HARRISBURG	15'	NY	1954
HARRISON	7.5'	WI	1982
HARRISVILLE	15'	MI	1959
HARSHAW	7.5'	WI	1982
HARTWOOD	7.5'	NY	1966
HARVEYS LAKE	7.5'	PA	1946/1969
HARWICH	7.5'	MA	1974
HAUER	7.5'	WI	1971
HAUGEN	7.5'	WI	1982
HAVERHILL	7.5'	MA	1972
HAWLEY	7.5'	PA	1966/1983
HAZELHURST	7.5'	WI	1982
HEAFFORD JUNCTION	7.5'	WI	1982
HEATH	7.5'	MA	1942/1974
HENSONVILLE	7.5'	NY	1945/1980
HERMAN	15'	MI	1955
HERTEL	7.5'	WI	1982
HICKORY RUN	7.5'	PA	1966/1973
HIGHLAND LAKE	7.5'	NY	1967
HILLSBORO	15'	NH	1957
HIRAM	7.5'	ME	1964
HOLDERNESS	15'	NH	1956
HOLLISTON	7.5'	MA	1969/1979
HONESDALE	7.5'	PA	1946/1969
HOP BOTTOM	7.5'	PA	1946/1969
HOPKINTON	7.5'	NH	1967
HORSESHOE LAKE	7.5'	WI	1982
HORTON	7.5'	NY	1965/1982
HOWE BROOK	15'	ME	1965
HUDSON	7.5'	MA	1966/1979
HUNGRY JACK LAKE	7.5'	MN	1959/1976
HUNTINGTON	7.5'	NY	1967/1979
HUNTINGTON	7.5'	VT	1948/1980
HURON MTN	15'	MI	1954
HYANNIS	7.5'	MA	1974/1979
HYDE PARK	15'	VT	1953
IDINGTON	7.5'	MN	1952/1969
IMP LAKE	7.5'	MI	1982
INDIAN LAKE	15'	NY	1954
INO	7.5'	WI	1964/1975
IRMA	7.5'	WI	1982
IRON LAKE	15'	WI	1961

(continued)

TABLE B-2 (continued)

USGS map name	Scale	State	Published date
IRON LAKE	7.5'	MN	1963
IRON RIVER	7.5'	MI	1944
IRONWOOD	15'	WI	1955
ISAAC LAKE	7.5'	MN	1949/1983
ISHPEMING	15'	MI	1952
ISLAND FALLS	15'	ME	1940
ISLAND POND	15'	VT	1953
ISLESBORO	7.5'	ME	1973
ISPWICH	7.5'	MA	1966
JACKSON SUMMIT	7.5'	NY	1970
JAMESVILLE	7.5'	NY	1973/1978
JAY PEAK	15'	VT	1953
JEFFERSONVILLE	7.5'	NY	1965
JO-MARY MTN	15'	ME	1952
JOHANNESBURG	7.5'	MI	1950
JOHNSON LAKE	7.5'	MN	1967/1983
JULIA LAKE	7.5'	WI	1970
KABUSTASA LAKE	7.5'	MN	1967
KADUNCE RIVER	7.5'	MN	1960/1976
KALKASKA	15'	MI	1956
KATAHDIN	15'	ME	1949
KAWISHIWI LAKE	7.5'	MN	1960
KEENE	15'	NH	1958
KEENE VALLEY	7.5'x15 '	NY	1979
KEKEKABIC LAKE	7.5'	MN	1959
KELSO MTN	7.5'	MN	1960
KEMPSHALL MTN	7.5'x15 '	NY	1979
KEMPSTER	7.5'	WI	1973
KEMPTON BAY	7.5'	MN	1967/1983
KENNEBUNK	15'	ME	1956
KENTON	7.5'	MI	1982
KETTLE FALLS	7.5'	MN	1967/1983
KEWEENAW BAY	15'	MI	1954
KEZAR FALLS	7.5'	ME	1964
KINGFIELD	15'	ME	1930
KINGSBURY	15'	ME	1948
KINGSTON	7.5'	PA	1946/1969/1976
KINGSTON	7.5'	RI	1957/1970/1975
KINNEY	7.5'	MN	1951/1983
KINROSS	7.5'	MI	1951/1975
KIRK	7.5'	MN	1951/1983
KROSCHEL NW	7.5'	MN	1968
LAC DU FLAMBEAU	7.5'	WI	1971
LAC DU FLAMBEAU SW	7.5'	WI	1971

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
LAKE AGNES	7.5'	MN	1963
LAKE ARIEL	7.5'	PA	1966/1973
LAKE BONAPARTE	7.5'	NY	1951
LAKE CARMEL	7.5'	NY	1960/1981
LAKE CLAYTON	7.5'	WI	1982
LAKE COMO	7.5'	PA	1968/1978
LAKE EVELYN	7.5'	WI	1973
LAKE GEORGE	7.5'	NY	1966
LAKE JULIA	7.5'	WI	1982
LAKE LUCERNE	7.5'	WI	1965/1982
LAKE LUZERNE	7.5'	NY	1968
LAKE MASKENOZHA	7.5'	PA	1954/1969/1973
LAKE MEDORA	7.5'	MI	1948/1975
LAKE MITIGWAKI	7.5'	MI	1982
LAKE NEBAGAMON	7.5'	WI	1961/1975
LAKE OF THE FALLS	7.5'	WI	1973
LAKE OZONIA	7.5'	NY	1964
LAKE PLACID	7.5'x15 '	NY	1979
LAKE PLEASANT	15'	NY	1954
LAKE POLLY	7.5'	MN	1960
LAKE TAHKODAH	7.5'	WI	1971
LAKE TITUS	7.5'	NY	1964
LAKE TOMAHAWK	7.5'	WI	1982
LAKEVILLE	7.5'	PA	1966/1983
LAND O' LAKES	7.5'	WI	1982
LAPOND LAKE	7.5'	MN	1963
LAPORTE	7.5'	PA	1969
LASSELLVILLE	7.5'	NY	1945
LAURA LAKE	7.5'	MN	1970
LEAD MTN	15'	ME	1957
LEICESTER	7.5'	MA	1969/1979
LENOXVILLE	7.5'	PA	1946/1969
LEROY	7.5'	PA	1969
LEWIS	7.5'x15 '	NY	1978
LIBERTY	7.5'	ME	1961/1973
LIMA MTN	7.5'	MN	1959
LISBON	7.5'	NH	1967
LITCHFIELD	7.5'	CT	1956/1970
LITTLE BIGELOW MTN	15'	ME	1956
LITTLE BOWSTRING LAKE	7.5'	MN	1970
LIVERMORE FALLS	7.5'	ME	1967
LONDONDERRY	15'	VT	1957
LONG ISLAND LAKE	7.5'	MN	1960
LONG LAKE SE	7.5'	WI	1970

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
LONG POND	15'	ME	1922
LOPEZ	7.5'	PA	1969
LOUDS ISLAND	7.5'	ME	1955/1973
LOVEWELL MTN	15'	NH	1957
LOWER VERMILLION LAKE	7.5'	WI	1982
LUBLIN NW	7.5'	WI	1969
LUDLOW	7.5'	VT	1971
LUTSEN	7.5'	MN	1959
LYNDONVILLE	15'	VT	1951
MAKINEN	7.5'	MN	1951/1969
MANCELONA	15'	MI	1956
MANCHESTER NORTH	7.5'	NH	1974
MANCHESTER SOUTH	7.5'	NH	1968
MANISTIQUE EAST	7.5'	MI	1972
MANITOWISH LAKE	7.5'	WI	1981
MANOMET	7.5'	MA	1977
MANSFIELD	7.5'	MA	1964/1979
MARBLEHEAD	7.5'	MI	1964
MARBLEHEAD NORTH	7.5'	MA	1970
MARCELL	7.5'	MN	1970
MARION	15'	NC	1962
MARION LAKE	7.5'	MN	1967/1983
MARLBOROUGH	7.5'	CT	1967/1972
MARSH-MILLER LAKE	7.5'	WI	1975
MARSHALL CREEK	7.5'	WI	1982
MASCOMA	15'	NH	1927
MATTAWAMKEAG	15'	ME	1940
MAYNARD	7.5'	MA	1965/1979
MC KEEVER	15'	NY	1958
MC KENZIE LAKE	7.5'	WI	1982
MC KINLEY	7.5'	WI	1982
MC NAUGHTON	7.5'	WI	1982
MC NEARNEY LAKE	7.5'	MI	1951/1975
MECHANIC FALLS	7.5'	ME	1981
MEMPHREMAGOG	15'	VT	1953
MENDHAM	7.5'	NJ	1954/1981
MERCER	15'	WI	1955
MERCER	7.5'	WI	1973
MERCER LAKE	7.5'	WI	1971
MERIDEN	7.5'	CT	1967/1972
MERRIWEATHER	7.5'	MI	1982
MERWIN LAKE	7.5'	MI	1972
MICHIGAMME	15'	MI	1956
MICHIGAMME	7.5'	MI	1956

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
MIDDLE HADDAM	7.5'	CT	1961/1971
MIDDLETOWN	7.5'	CT	1965/1972
MILAN	15'	NH	1930
MILFORD	7.5'	CT	1960/1971
MILFORD	7.5'	MA	1968/1978
MILLBROOK	7.5'	NY	1960
MILLERS FALLS	7.5'	MA	1977
MILLINOCKET	15'	ME	1951
MILLINOCKET LAKE	15'	ME	1954
MINOCQUA	15'	WI	1966
MINONG	7.5'	WI	1982
MITAWAN LAKE	7.5'	MN	1981
MITCHELL LAKE	7.5'	MN	1970
MOEN LAKE	7.5'	WI	1982
MOHEGAN LAKE	7.5'	NY	1956/1981
MOLASSES POND	7.5'	ME	1982
MOLE LAKE	7.5'	WI	1973
MONADNOCK	15'	NH	1949
MONDEAUX DAM	7.5'	WI	1970
MONICO NE	7.5'	WI	1965
MONOMOY POINT	7.5'	MA	1974
MONROE	7.5'	NY	1957/1981
MONTAUK POINT	7.5'	NY	1956
MONTEREY	7.5'	MA	1973
MONTICELLO	7.5'	NY	1966/1982
MONTROSE WEST	7.5'	PA	1967/1978
MONTVILLE	7.5'	CT	1958/1970
MOODUS	7.5'	CT	1967/1973
MOOSE EAR LAKE	7.5'	WI	1978
MOOSEHEAD LAKE	15'	ME	1957
MOOSELEUK LAKE	15'	ME	1963
MORRILL	7.5'	ME	1960/1973
MOSCOW	7.5'	PA	1946/1969/1976
MOUNT DESERT	15'	ME	1956
MOUNT MATUMBLA	7.5'	NY	1968
MOUNT POCONO	7.5'	PA	1966/1973
MT BLUE	7.5'	ME	1968
MT CARMEL	7.5'	CT	1967/1972
MT CHOCORUA	15'	NH	1958
MT GRACE	7.5'	MA	1977
MT KEARSARGE	15'	NH	1956
MT KINEO	7.5'	NH	1973
MT MANSFIELD	7.5'	VT	1948/1980
MT MARCY	7.5'x15'	NY	1979

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
MT PAWTUCKAWAY	7.5'	NH	1981
MT TOBY	7.5'	MA	1971
MT TOM	7.5'	MA	1972/1979
MT VALHALLA	7.5'	WI	1964
MT WORCESTER	7.5'	VT	1968
MT ZIRCON	7.5'	ME	1967
MUNISING	15'	MI	1958
MUNKER ISLAND	7.5'	MN	1959
MUSKALLONGE LAKE E	7.5'	MI	1968
MUSKALLONGE LAKE SE	7.5'	MI	1968
MUSKALLONGE LAKE SW	7.5'	MI	1968
MUSQUACOOK LAKES	15'	ME	1932
MYSTIC	7.5'	CT	1958/1970
NAMAKAN ISLAND	7.5'	MN	1967/1983
NAMEKAGON LAKE	7.5'	WI	1971
NANTUCKET	7.5'	MA	1972
NARRAGANSET PIER	7.5'	RI	1957/1970/1975
NARROWSBURG	7.5'	PA	1968
NASHUA NORTH	7.5'	NH	1968/1974
NASHUA SOUTH	7.5'	MA	1965/1979
NASHVILLE	7.5'	WI	1965
NAUGATUCK	7.5'	CT	1964/1984
NAUSHON ISLAND	7.5'	MA	1972
NAWAKWA LAKE	7.5'	MI	1968
NED LAKE	15'	MI	1955
NEW HAVEN	7.5'	CT	1967/1972
NEW LONDON	7.5'	CT	1958/1970
NEWBERRY	7.5'	MI	1973
NEWCOMB	15'	NY	1954
NEWFIELD	15'	ME	1958
NEWFIELD	15'	NH	1958
NEWFOUNDLAND	7.5'	NJ	1954/1971
NEWFOUNDLAND	7.5'	PA	1966/1973
NEWPORT	7.5'	ME	1982
NEWTON FALLS	7.5'	NY	1968
NEWTON WEST	7.5'	NJ	1942/1954/1971
NICATOUS LAKE	15'	ME	1932
NISULA	7.5'	MI	1982
NOBLETON	7.5'	WI	1982
NORCROSS	15'	ME	1951
NORFOLK	7.5'	CT	1956/1969
NORTH BROOKFIELD	7.5'	MA	1967
NORTH CONWAY	15'	NH	1942
NORTH EAST CARRY	15'	ME	1954

(continued)

TABLE B-2 (continued)

USGS map name	Scale	State	Published date
NORTH HARTLAND	7.5'	NH	1959/1980
NORTH WATERFORD	7.5'	ME	1963
NORTH WHITEFIELD	7.5'	ME	1970
NORTH WINDHAM	7.5'	ME	1957/1970/1977
NORTHERN LIGHT LAKE	7.5'	MN	1959/1976
NORTHWOOD	7.5'	NH	1981
NORTON	7.5'	MA	1964/1979
NORWAY	15'	ME	1946
NORWICH	7.5'	CT	1983
NUMBER FOUR	15'	NY	1957
OGISHKEMUNCIE LAKE	7.5'	MN	1959
OHIO	15'	NY	1954
OJIBWAY LAKE	7.5'	MN	1981
OLD FORGE	15'	NY	1954
OLYPHANT	7.5'	PA	1946/1969/1976
ONECO	7.5'	CT	1953/1970
ONSET	7.5'	MA	1967
OQUOSSOC	15'	ME	1940
ORANGE	7.5'	MA	1977
ORLAND	7.5'	ME	1982
ORONO	15'	ME	1955
ORSON	7.5'	PA	1968/1978
ORWELL	7.5'	NY	1959
ORWELL	7.5'	VT	1949
OSCAWANA LAKE	7.5'	NY	1956
OSSINING	7.5'	NY	1967/1979
OSSIPEE LAKE	15'	NH	1958
OSWEGATCHIE	7.5'	NY	1966
OSWEGATCHIE SE	7.5'	NY	1966
OTIS	7.5'	MA	1973
OTISVILLE	7.5'	NY	1969
OWLS HEAD	7.5'	NY	1968
OXBOW	15'	ME	1965
OXFORD	7.5'	ME	1980
OXFORD	7.5'	MA	1969/1979
OXFORD	7.5'	NY	1949
PAGE	7.5'	NY	1943
PALISADE	7.5'	MN	1970
PALMER	7.5'	MA	1969/1979
PANTHER LAKE	7.5'	NY	1959
PAPOOSE LAKE	7.5'	WI	1981
PARADOX LAKE	7.5'	NY	1973
PARRISH	7.5'	WI	1973
PAWTUCKET	7.5'	RI	1949/1970/1975

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
PAXTON	7.5'	MA	1965/1979
PEACH LAKE	7.5'	NY	1958/1970
PEARSON	7.5'	WI	1973
PECK LAKE	7.5'	NY	1970
PECKS POND	7.5'	PA	1966/1973
PELICAN LAKE	7.5'	MN	1959
PELKIE	15'	MI	1954
PENACOOK	15'	NH	1956
PENOBSCOT	7.5'	ME	1981
PENOBSCOT LAKE	15'	ME	1956
PERCH LAKE	15'	MI	1954
PERCY	15'	NH	1930
PERENT LAKE	7.5'	MN	1960
PERKINSTOWN	7.5'	WI	1969
PETERBOROUGH	15'	NH	1953
PETERSHAM	7.5'	MA	1969
PHARAOH MTN	7.5'	NY	1973
PHELPS	7.5'	WI	1981
PHILLIPS	15'	ME	1929
PHIPPSBURG	7.5'	ME	1957
PIATT LAKE	7.5'	MI	1951/1975
PICKEREL	7.5'	WI	1973
PICKET LAKE	7.5'	MN	1963
PICKFORD SE	7.5'	MI	1964/1975
PIERCE POND	15'	ME	1958
PIERMONT	7.5'	NH	1979
PIKE LAKE	7.5'	WI	1971
PINE LAKE EAST	7.5'	MN	1959/1976
PINE LAKE WEST	7.5'	MN	1959/1976
PIONEER LAKE	7.5'	WI	1981
PISECO LAKE	15'	NY	1954
PITTSFIELD EAST	7.5'	MA	1973
PITTSFIELD WEST	7.5'	MA	1973
PITTSTON	7.5'	PA	1947/1969/1976
PLAINFIELD	15'	VT	1953
PLAINFIELD	7.5'	CT	1983
PLEASANT MTN	7.5'	ME	1963
PLEASANT VALLEY	7.5'	NY	1957/1981
PLEASANT VIEW SUMMIT	7.5'	PA	1966/1973
PLYMOUTH	15'	NH	1928
PLYMOUTH	7.5'	ME	1982
PLYMOUTH	7.5'	MA	1977
PLYMPTON	7.5'	MA	1977
POCASSET	7.5'	MA	1967/1979

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
POCONO PINES	7.5'	PA	1966/1973
POHOPOCO MTN	7.5'	PA	1960/1983
POINT ISABELLE	7.5'	MI	1948/1975
POLAR	7.5'	WI	1973
POMROY LAKE	7.5'	MN	1968
POND EDDY	7.5'	PA	1965/1973
POPOLOPEN LAKE	7.5'	NY	1957/1981
PORT JERVIS SOUTH	7.5'	NJ	1969/1983
PORTER CORNERS	7.5'	NY	1968
POTATO LAKE	7.5'	WI	1971
POULTNEY	7.5'	VT	1964/1972
POUND RIDGE	7.5'	NY	1960/1971
POWELL	7.5'	PA	1969
POWELL	7.5'	WI	1981
POWNAL	7.5'	VT	1954
PRAIRIE LAKE	7.5'	MN	1963
PRESQUE ISLE	7.5'	WI	1981
PROCTOR	7.5'	VT	1944
PROMISED LAND	7.5'	PA	1966/1973
PULASKI	7.5'	NY	1956
PUTNAM MTN	7.5'	NY	1966
QUABBIN RES	7.5'	MA	1967/1979
QUADGA LAKE	7.5'	MN	1981
RAGGED LAKE	15'	ME	1954
RAGGED LAKE	7.5'	NY	1968
RAINBOW FALLS	7.5'	NY	1964
RANGE	7.5'	WI	1978
RANGELEY	15'	ME	1949
RAQUETTE LAKE	15'	NY	1954
RAYMOND	7.5'	ME	1981
READFIELD	7.5'	ME	1980
READING	7.5'	MA	1966/1979
RED BEACH	7.5'	ME	1949
RED ROCK	7.5'	PA	1969
REDFORD	7.5'	NY	1968
REDWOOD	7.5'	NY	1958/1982
REMER	7.5'	MN	1971
RENSSELAERVILLE	7.5'	NY	1946
REPUBLIC	7.5'	MI	1955/1975
REPUBLIC SW	7.5'	MI	1955/1975
RESERVOIR POND	7.5'	WI	1972
REXTON	7.5'	MI	1964
RHINELANDER	7.5'	WI	1982
ROBERTS LAKE	7.5'	WI	1973

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
ROOSEVELT LAKE	7.5'	MN	1970
ROSCOE	7.5'	NY	1965/1982
ROUND LAKE	7.5'	NY	1954/1980
ROUND POND	15'	ME	1955
ROUSSEAU	7.5'	MI	1982
ROWE	7.5'	MA	1973
ROWLAND	7.5'	PA	1966/1983
ROXBURY	7.5'	CT	1955/1970
ROYALSTON	7.5'	MA	1971
RUTLAND CENTER	7.5'	NY	1959
SAGAMORE	7.5'	MA	1967/1979
SAINT JOHN POND	15'	ME	1958
SALEM DEPOT	7.5'	NH	1968/1979
SALT POINT	7.5'	NY	1963
SANDWICH	7.5'	MA	1972
SANTANONI PEAK	7.5'x15'	NY	1979
SAPONAC	15'	ME	1957
SARANAC LAKE	7.5'x15'	NY	1979
SARGENTVILLE	7.5'	ME	1981
SARONA	7.5'	WI	1981
SAWBILL CAMP	7.5'	MN	1960
SAXTONS RIVER	15'	VT	1957
SAYLORSBURG	7.5'	PA	1960/1983
SAYNER	7.5'	WI	1982
SCHOODIC	15'	ME	1947
SCHROON LAKE	15'	NY	1953
SCRAGGLY LAKE	15'	ME	1941
SCRANTON	7.5'	PA	1947/1969/1976
SEAGER	7.5'	NY	1945
SEARS POND	7.5'	NY	1943
SEARSMONT	7.5'	ME	1960/1973
SEARSPORT	7.5'	ME	1973
SEBAGO LAKE	15'	ME	1942
SEBEC	15'	ME	1940
SEBEC LAKE	15'	ME	1950
SEBOOMOOK LAKE	15'	ME	1954
SEUL CHOIX POINT	7.5'	MI	1972
SEVEN ISLANDS	15'	ME	1955
SHAGAWA LAKE	7.5'	MN	1965
SHELL LAKE	7.5'	MN	1963
SHELL LAKE	7.5'	WI	1982
SHELLDRAKE	7.5'	MI	1951/1975
SHELVING ROCK	7.5'	NY	1966
SHICKSHINNY	7.5'	PA	1954/1969/1977

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
SHIN POND	15'	ME	1954
SHINGLE MILL LAKE	7.5'	MN	1971
SHINGLETON	15'	MI	1958
SHIRLEY	7.5'	MA	1965/1979
SHOHOLA	7.5'	PA	1965/1983
SHREWSBURY	7.5'	MA	1969/1979
SHUTESBURY	7.5'	MA	1964/1979
SIASCONSET	7.5'	MA	1972
SIDE LAKE	7.5'	MN	1964
SIOUX PINE ISLAND	7.5'	MN	1956
SIREN EAST	7.5'	WI	1982
SIREN WEST	7.5'	WI	1982
SKYTOP	7.5'	PA	1943/1968/1973
SLATE LAKE EAST	7.5'	MN	1981
SLATE LAKE WEST	7.5'	MN	1981
SLOATSBURG	7.5'	NY	1955
SLOCUM	7.5'	RI	1955/1970
SMARTS MTN	7.5'	NH	1979
SMITH LAKE	7.5'	MI	1972
SMOKY LAKE	7.5'	MI	1981
SMYRNA MILLS	15'	ME	1955
SNIPATUIT POND	7.5'	MA	1977
SNOW BAY	7.5'	MN	1963
SNOWBANK LAKE	7.5'	MN	1981
SOLDIER POINT	7.5'	MN	1968/1983
SOLON SPRINGS	7.5'	WI	1982
SOMERSET	7.5'	MA	1967/1979
SOO JUNCTION	7.5'	MI	1973
SOUDAN	7.5'	MN	1956/1969
SOUTH CANAAN	7.5'	CT	1956/1969
SOUTH EDWARDS	7.5'	NY	1969
SOUTH GROVELAND	7.5'	MA	1966/1979
SOUTH LAKE	7.5'	MN	1960
SOUTH MERRIMACK	7.5'	NH	1968
SOUTH RANGE	7.5'	MI	1946/1975
SOUTH SANDISFIELD	7.5'	MA	1958/1969
SOUTHBRIDGE	7.5'	CT	1967/1979
SOUTHINGTON	7.5'	CT	1968/1984
SOUTHWICK	7.5'	MA	1972
SPENCER LAKE	15'	ME	1958
SPIDER LAKE	15'	ME	1961
SPIDER LAKE	7.5'	WI	1971
SPOONER LAKE	7.5'	WI	1982
SPRING HILL	7.5'	CT	1983

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
SPRINGBROOK	7.5'	WI	1971
SPRINGFIELD	15'	ME	1931
SQUAM MTNS	7.5'	NH	1980
ST ALBANS	7.5'	VT	1964/1972
ST FRANCIS	15'	ME	1930
ST GERMAIN	7.5'	WI	1970/1982
ST JOHNSBURY	15'	VT	1949
ST ZACHARIE	15'	ME	1957
ST. REGIS MTN	7.5'x15 '	NY	1979
STACYVILLE	15'	ME	1953
STAMFORD	7.5'	VT	1954
STANBERRY EAST	7.5'	WI	1971
STANBERRY WEST	7.5'	WI	1971
STANHOPE	7.5'	NJ	1954/1981
STAR LAKE	7.5'	WI	1982
STARK	7.5'	NY	1968
STARKS	7.5'	WI	1965/1982
STARRUCCA	7.5'	PA	1968/1978
STATELINE LAKE	7.5'	MI	1982
STERLING	7.5'	MA	1968/1979
STERLING	7.5'	PA	1965/1973
STETSON	15'	ME	1955
STEWART LAKE	7.5'	MN	1971
STILLWATER	7.5'	PA	1954/1969/1976
STINGY LAKE	7.5'	MN	1964/1976
STOCKHOLM	15'	ME	1953
STONE LAKE	7.5'	WI	1971
STORMY LAKE	7.5'	WI	1982
STRATTON	15'	ME	1956
STRONGS	7.5'	MI	1951
STUEBEN	15'	MI	1958
SUDBURY	7.5'	VT	1946/1972
SUGAR CAMP	7.5'	WI	1970
SUGAR HILL	7.5'	NH	1967
SULLIVAN	7.5'	ME	1982
SULLIVAN CREEK	7.5'	MI	1951/1976
SUNAPEE	15'	NH	1955
SUNCOOK	7.5'	NH	1967
SUNDERLAND	7.5'	VT	1968
SUNKEN LAKE	7.5'	MI	1972
SWEET VALLEY	7.5'	PA	1946/1969
SYLVAN FALLS	7.5'	NY	1964
TABORTON	7.5'	NY	1946
TAHQUAMENON LAKES	7.5'	MI	1972

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
TAKUCMICH LAKE	7.5'	MN	1963
TARRIFVILLE	7.5'	CT	1956/1970
TAUNTON	7.5'	MA	1978
TELOS LAKE	15'	ME	1957
TEMPLETON	7.5'	MA	1970
TENDERFOOT LAKE	7.5'	WI	1981
THAYER	7.5'	MI	1982
THE FORKS	15'	ME	1956
THE GLEN	7.5'	NY	1968
THIRTEENTH LAKE	15'	NY	1954
THOMPSON	7.5'	CT	1955/1970
THOMPSON	7.5'	PA	1968/1978
THOR SE	7.5'	MN	1969
THORNHURST	7.5'	PA	1965/1983
THOUSAND ISLAND LAKE	7.5'	MI	1981
THREE LAKES	7.5'	MI	1956
THREE LAKES	7.5'	WI	1970
THUNDER LAKE	7.5'	MN	1970
TIGERVILLE	15'	SC	1959
TIM MOUNTAIN	7.5'	ME	1970
TIMBERLAND	7.5'	WI	1982
TIPLER	7.5'	WI	1970
TISBURY GREAT POND	7.5'	MA	1972
TOBYHANNA	7.5'	PA	1965/1973
TOGUS POND	7.5'	ME	1982
TOLLAND CENTER	7.5'	MA	1958/1969
TOM LAKE	7.5'	MN	1959
TOMHANNOCK	7.5'	NY	1954
TRADE LAKE	7.5'	WI	1983
TRAPPERS LAKE	7.5'	MI	1983
TRAVELER MTN	15'	ME	1955
TREGO	7.5'	WI	1982
TRENARY	15'	MI	1958
TUG MTN	15'	ME	1941
TUNK LAKE	15'	ME	1957
TUNK LAKE	7.5'	ME	1982
TUNK MOUNTAIN	7.5'	ME	1982
TUPPER LAKE	15'	NY	1954
TURTLE LAKE	7.5'	WI	1978
TURTLE-FLAMBEAU FLOWAGE	7.5'	WI	1973
TWELVEMILE POND	7.5'	PA	1943/1968/1973
TWIG	7.5'	MN	1953/1969/1975
ULSTER	7.5'	PA	1957/1969
UNCASVILLE	7.5'	CT	1984

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
UNION	7.5'	ME	1965/1973
UNIONVILLE	7.5'	NY	1969
UPPER SARANAC LAKE	7.5'x15 '	NY	1979
UTICA EAST	7.5'	NY	1955
UXBRIDGE	7.5'	RI	1969/1979
VAN BUREN	15'	ME	1951
VASSALBORO	15'	ME	1956
VERBANK	7.5'	NY	1960
VINEYARD HAVEN	7.5'	MA	1972
VOULNTOWN	7.5'	CT	1953/1970/1975
WABANA LAKE	7.5'	MN	1970
WABASSUS LAKE	15'	ME	1963
WABENO	7.5'	WI	1972
WADING RIVER	7.5'	NY	1967
WAITE	15'	ME	1940
WALDOBORO WEST	7.5'	ME	1965/1973
WALES	7.5'	MA	1967/1979
WALLINGFORD	15'	VT	1955
WALLINGFORD	7.5'	CT	1967/1972
WANAQUE	7.5'	NJ	1954/1971
WAREHAM	7.5'	MA	1972
WARMAN	7.5'	MN	1968
WARREN	7.5'	MA	1969
WASHINGTON	7.5'	ME	1961/1973
WATERBURY	7.5'	CT	1968/1972
WATERSMEET	7.5'	MI	1982
WATSON	15'	MI	1963
WAUSAUKEE N	7.5'	WI	1982
WAUSAUKEE SOUTH	7.5'	WI	1982
WAWAYANDA	7.5'	NJ	1954
WAYMART	7.5'	PA	1946/1969
WEBSTER	7.5'	MA	1969/1979
WEBSTER	7.5'	WI	1982
WEEKS MILLS	7.5'	ME	1982
WELLFLEET	7.5'	MA	1972
WELLS	7.5'	VT	1967
WENTWORTH	7.5'	NH	1974
WESLEY	15'	ME	1941
WEST CANADA LAKES	15'	NY	1954
WEST GRANVILLE	7.5'	MA	1971
WEST KILL	7.5'	NY	1960
WEST PIERREPONT	7.5'	NY	1969
WEST POINT	7.5'	NY	1957/1981
WEST TORRINGTON	7.5'	CT	1956/1969

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
WESTERNVILLE	7.5'	NY	1955/1978
WESTFORD	7.5'	CT	1952/1970
WESTHAMPTON	7.5'	MA	1972
WEYMOUTH	7.5'	MA	1971/1979
WHITE MILLS	7.5'	PA	1967/1983
WHITE PLAINS	7.5'	NY	1967/1979
WHITE SAND LAKE	7.5'	WI	1981
WHITEFACE	7.5'	MN	1956
WHITEFIELD	15'	NH	1935
WHITEHAVEN	7.5'	PA	1947/1969/1976
WHITING	7.5'	ME	1949/1977
WHITMAN	7.5'	MA	1977
WHITNEY BAY	7.5'	MI	1964/1976
WICKFORD	7.5'	RI	1957/1970/1975
WILBUR LAKE	7.5'	MN	1981
WILKES-BARRE EAST	7.5'	PA	1947/1969/1977
WILKES-BARRE WEST	7.5'	PA	1947/1969/1976
WILLIAMSTOWN	7.5'	MA	1973
WILLIAMSTOWN	7.5'	NY	1960
WILLOW RIVER	7.5'	MN	1981
WILLSBORO	15'	NY	1956
WILMINGTON	15'	VT	1954
WILMINGTON	7.5'x15 '	NY	1978
WILSON LAKE	7.5'	WI	1973
WILTON	7.5'	ME	1968
WINCHENDON	7.5'	NH	1971
WINCHESTER	15'	WI	1955
WINCHESTER	7.5'	WI	1981
WINDHAM	7.5'	NH	1953/1974
WINDSOR DAM	7.5'	MA	1967
WINN	15'	ME	1960
WINNIPESAUKEE	15'	NH	1956
WINONA SOUTH	7.5'	MI	1982
WINSLOW LAKE	7.5'	MI	1982
WINSTED	7.5'	CT	1956/1969
WINTERVILLE	15'	ME	28
WINTHROP	7.5'	ME	1980
WITCH LAKE NE	7.5'	MI	1955
WITHERBEE	7.5'x15 '	NY	78
WOLF MTN	7.5'	NY	1968
WOODBORO	7.5'	WI	1982
WOODBURY	7.5'	CT	1955/1970
WOODFORD	7.5'	VT	1954
WOODRUFF	7.5'	WI	1982

(continued)

TABLE 8-2 (continued)

USGS map name	Scale	State	Published date
WOODS HOLE	7.5'	MA	1967
WOOSTOCK NORTH	7.5'	VT	1966
WORCESTER SOUTH	7.5'	MA	1973
WRENTHAM	7.5'	MA	1964/1979
YORK BEACH	7.5'	ME	1956/1973
YORK HARBOR	7.5'	ME	1956/1973
ZIM	7.5'	MN	1951/1969
ZOAR	7.5'	WI	1973

SECTION 9

POPULATION ESTIMATES FOR SELECTED PHYSICAL AND CHEMICAL VARIABLES

The primary data outputs from the ELS-I data base are cumulative distributions for total lake number and total lake area in any population or subpopulation of lakes explicitly defined by the investigator. The distributions presented here were generated from sample data using the procedures described below (Section 9.1) for the subpopulation of lakes $\leq$2000 ha within the target population.

The variables described in this section are those listed in Section 2 (Table 2-1). The statistics and distributions describing the subpopulations of lakes are given in Section 9.2. Cumulative frequency distributions are presented as F(x) or 1-F(x), and areal distributions as G(x) or 1-G(x), depending on whether low or high concentrations (or values), respectively, are of primary interest (Figures 9-1 through 9-179).

9.1 APPLICATIONS OF THE DESIGN

9.1.1 Defining the Target Population

The identity of the map population, subsequently refined by the exclusion of non-target lakes (Volume I, Section 2.2.4), defines the target population. The number of lakes comprising the target population is not known, but rather estimated, because non-target lakes were identified only in the probability sample. In contrast, the map population, because of its operational definition as all lakes appearing on 1:250,000-scale USGS maps (Volume I, Section 2.2.2), is known precisely and serves as the point of reference. The map population is larger than the target population by virtue of the exclusion criteria set forth for non-target lakes. The sample frame is the structure imposed on the map population by stratification and generation of the list. The frame population and sample selection are

stratum-specific, as is the estimation process. Sample data must be weighted by stratum-specific weights when extrapolating from sample results to estimates of population parameters. The method of extrapolating to the population is given in Section 9.1.2 and its importance is discussed in Volume I, Section 4.1.2.1.

In the broadest sense, the target population is all those lakes appearing on 1:250,000-scale USGS topographic maps that could be sampled to yield data to satisfy the objectives of the ELS-I. However, the inherent flexibility of the design permits any subpopulation of lakes from this overall target population to be defined on the basis of any criteria established from the attributes or measured variables for any lake. The definition of these still smaller populations can be determined to answer a particular question. For example, a subpopulation of interest can be defined as that set of lakes characterized by elevation greater than 300 m. Or the subpopulation might be defined on the basis of sulfate or dissolved organic carbon concentrations greater than or equal to X. Estimates of subpopulation characteristics can be made in the same manner as for the entire target population by applying the proper weights.

9.1.2 Estimating the Target Population Size and Associated Variance from Sample Data

The number of target lakes (N) within an alkalinity map class stratum is estimated by the equation:

$$\hat{N} = N^* - \hat{N}_n,$$

where:

N^* = the number of lakes in the stratum map population, and

$\hat{N}_n$ = the estimated number of non-target lakes in the stratum map population.

N^* is known from the initial map population (Volume I, Section 2.2.2).

$\hat{N}_n$ must be calculated from the equation:

$$\hat{N}_n = (N^*/n^*)\,[n_{nb} + (n_{na}/q)],$$

where:

n^* = the total number of lakes in the probability sample selected from the map population within the alkalinity map class stratum

n_{nb} = the number of lakes selected in the probability sample determined to be non-target by the examination of large-scale maps

n_{na} = the number of lakes in the probability sample determined to be non-target during field sampling

$$q = \left(\frac{n^* - n_{nb} - n_o}{n^* - n_{nb}} \right)$$ = proportion of completion, i.e. the proportion of lakes selected for visitation that were actually visited.

where:

n_o = the number of lakes not visited, representing incompleteness in the field sampling.

Some of the lakes scheduled for field visitation subsequently were not visited by field crews (Volume I, Section 2.2.4). The group of lakes that were not visited contained an unknown number of lakes that would be classified as non-target. It was subsequently necessary to expand the number of non-target lakes observed by the field crews (n_{na}) by q to yield an estimate of the total number of non-target lakes in the field sample (including the number of non-target lakes expected within n_o).

Weighting, or expansion, factors are necessary to estimate the population of lakes in the target population and are calculated as follows:

$$W = \hat{N}/n^{***} = N^*/n'$$

where:

$n^{***} = n^* - n_{nb} - n_{na} - n_o$, the number of lakes visited and characterized as target, i.e., the number of lakes from which water samples were obtained, and

$n' = n^* q$, the effective sample size, used in place of n^* to account for incompleteness.

Rearranging the equation yields

$$\hat{N} = Wn^{***}.$$

The total area of target lakes (A) is estimated similarly:

$$\hat{A} = W\sum A_i,$$

with summation over all lakes in the stratum sample.

Variances of $\hat{N}$ and $\hat{A}$, for single strata, are estimated by:

$$\hat{V}(\hat{N}) = [N^*(N^* - n')/(n' - 1)][n^{***}/n'][(n' - n^{***})/n'], \text{ and}$$

$$\hat{V}(\hat{A}) = [N^*(N^* - n')/(n' - 1)][1/n'][\sum A^2 - (\sum A)^2/n'].$$

For multiple strata, estimates and variances are additive,

$$\hat{N} = \sum \hat{N}_h,\ \hat{V}(\hat{N}) = \sum \hat{V}(\hat{N}_h),\ \hat{A} = \sum \hat{A}_h, \text{ and } \hat{V}(\hat{A}) = \sum \hat{V}(\hat{A}_h).$$

Standard errors (of estimates) are the square roots of variances. (To use the above formulae, see Table 4-4, Volume I, Section 4.2.2, and calculate n' from $n' = N^*/W$.)

In all analyses, the sample was treated as a simple random sample within strata. The ordering of the lakes and the systematic selection process increase precision over a random sample. Therefore, estimates of precision are conservative.

9.1.3 Subpopulations

Estimations of subpopulation parameters require more structure than the basic population estimates and are generally of more scientific interest. For example, each observed value of X defines a subpopulation of lakes having a value of $X \leq$ that value (lakes $\leq$ 300 m, lakes $\leq$ pH 6.5, etc.). Estimates and corresponding variances can be constructed for these subpopulations over any combination of strata if the identification of the subpopulation is explicit.

For economy of computation, the algorithms used in generating all the statistics for the Survey are quite different, but are mathematically identical and best understood by formulae generated as a simple modification

of the single stratum equations, given in Section 9.1.2:

replace each n^{***} by n_z and each $\sum$ by $\sum_z$

where:

n_z = the number of sampled lakes in the subpopulation z and

$\sum_z$ = the summation over the sample lakes in the subpopulation z.

A useful generalization, appropriate for any subpopulation and any combination of strata, is that

$$\hat{N} = \sum W, \text{ and } \hat{A} = \sum WA,$$

where summation is over the appropriate subset of sample lakes in the appropriate strata, and where the weights (W) are assigned according to the stratum in which the lake belongs in the map population.

A further generalization used in the data analyses leads to similar formulae for mean and variance of any variable, X, over any subpopulation and combination of strata:

$$\text{Mean}(X) = \sum WX / \sum W, \text{ and Variance}(X) = \sum WX^2 / \sum W - (\sum WX / \sum W)^2.$$

These are estimates of the parameters of the population of lakes defined by the set of sample lakes in the summation, and characterized by the distribution, F(X) (Section 9.2.2).

The importance of the weighting factors cannot be overemphasized. As is shown by example in Volume I, Section 4.1.2, and stated several times in this report (for example, Section 9.1.2), estimating population parameters, or examining relationships among variables with the expectation that these relationships are representative of the population, from sample data without accounting for weights can lead to erroneous calculations and incorrect interpretation.

9.1.4 Restrictions

The use and interpretation of any data set are restricted by the design, the quality of the data obtained and the sampling protocols. The frame and target populations and the period of sampling are the primary considerations influencing the proper interpretation of the ELS-I data.

The period of sampling restricts conclusions to the fall of 1984. Until Phases II and III are completed, the accuracy of extrapolating the index sample to other times of the year or to other years will not be known.

Additional restrictions result from the sampling frame. Most simply, no conclusions can be drawn for lake populations not included in the original frame. Lakes less than 4 ha in surface area are generally not shown on 1:250,000-scale USGS maps used to establish the frame population. Consequently, the ELS-I omitted lakes less than 4 ha because lakes of this size are generally not represented at this map scale. However, small lakes may represent an important resource that could not be sampled practically or statistically in this study. Therefore, no direct conclusions can be drawn about this population of lakes.

As was noted in Section 9.1.3, it is essential to the accurate interpretation of the data to identify clearly any population for which inferences are made. However, there is considerable flexibility in defining a population to be described if it is a subset of the original target population.

9.2 DESCRIPTIVE STATISTICS AND CUMULATIVE DISTRIBUTIONS

The primary objectives of the ELS-I were to characterize the chemistry of lakes in potentially sensitive regions of the U.S., to estimate the numbers of low ANC and low pH lakes, to identify where those lakes are and to describe their characteristics. The Survey addresses these objectives by its stratified design permitting description of the populations of lakes in each of the 33 strata, representing the three alkalinity map classes within each of the 11 chosen subregions (Volume I, Sections 2.1 to 2.3). These strata represent the basic analytic units, but analyses also may be performed on any combinations of strata that have meaning to the investigator within regions, subregions, or subpopulations.

9.2.1 Population Distributions

Each population described is summarized on a single page of output for each variable as the cumulative distributions, supplemented by descriptive statistics. Tables of summary statistics are generated from these outputs. The differences among the strata of the design can be inspected by using a combination of the distribution plots and tabular information provided on these data outputs.

Data presentations as cumulative distributions enhance the utility and flexibility of the ELS-I data base. Specifically, low pH or low ANC, for example, are not unequivocally or universally defined. Thus, several reference values (Volume I, Sections 4.5 and 4.6) for each of the primary variables were chosen, primarily to facilitate comparisons among strata, subregions, regions, or subpopulations. However, the strength of the designed output, as well as of the Survey design, is that any reference value can be evaluated, providing flexibility in interpretation of the output. As the understanding of acidification processes improves, these values can be changed, ensuring the future utility of the ELS-I data base. The considerations noted in Volume I, Section 4.1.2.2, however, are important in selecting additional reference values.

9.2.2 Definitions of the Descriptive Statistics: Interpretation of F(x) and G(x) Data Output

Each population description (Figures 9-1 through 9-179) is identified by the variable and by the subset of lakes constituting the population being examined. A subset may represent all lakes in the Survey unit, for example, a single stratum (1A1), a subregion (1A), a region (1), or a subpopulation.

The basic population estimates, $\hat{N}$ and $\hat{A}$, and their estimated standard errors are presented in the headings of the output. $\hat{N}$ is defined as the estimated total number of lakes in the population being described, and $\hat{A}$ is the estimated sum of the total lake area, over all lakes in that population (denoted only as N and A on the output). The indicated sample size (equivalent to n^{***}, Volume I, Section 2.3.2) is the number of sampled lakes in the target population. Reference values (X_{c1}, X_{c2}, X_{c3}) chosen for comparative analyses complete the heading material.

9.2.2.1 Distributions--Interpretation of the distribution F(x) is given in Section 4.3, Volume I. This section describes the distribution 1-F(x). For any reference value for variable X, 1-F(x) is interpreted as the estimated proportion of lakes having a value of X $\geq$x. The distribution 1-F(x) is calculated as the ratio of $\hat{N}_x$, the estimated number of lakes having a value of X $\geq$x, to $\hat{N}$. The upper 95 percent confidence bound on N_x, also scaled by dividing by $\hat{N}$, is shown as a dashed line on Figures 9-1 through 9-179. Although only a one-sided upper 95 percent confidence bound is shown, a two-sided 90 percent bound can be made by using the existing bound and one equidistant below the distribution curve. This procedure would also provide a lower 95 percent one-sided bound.

The function 1-G(x) is interpreted similarly, as the estimated proportion of lake area in the population having a value of X $\geq$x, for any variable X. This cumulative areal curve and its confidence curve are determined analogously to the 1-F(x) curve.

An example of interpreting these distributions is derived from Figure 9-1. At the value of extractable Al = 50 ug L^{-1} for clearwater lakes $\leq$2000 ha, F(50) = 0.05 (calculated and shown in the figure as p_{cl} = 0.052); the upper bound is read from the dashed line as 0.06. These values are multiplied by the estimated total number of lakes in the population, 4584, to yield 229 (calculated and shown in the figure as N_{cl} = 237) as the estimated number of lakes in the population with an upper confidence bound for that number, 275 (shown in the figure as N_{cul} = 326). The calculated values and those derived from the figure differ due to the imprecision of obtaining the proportions (0.05 and 0.06) from the curve. Reading values from the curves is suitable only for obtaining rough estimates, due to the introduction of potential error. Precise computation requires the use of the data base and the appropriate algorithms.

Similarly, at extractable Al = 50 ug L^{-1}, the 1-G(x) curve yields 0.02 (calculated and shown in the figure as g_{cl} = 0.025) and 0.03, which multiplied by total lake area in the population (277,621 ha) yields 5,552 ha (calculated and shown in the figure to be A_{cl} = 6,959 ha) and 8,329 ha (shown in the figure to be A_{cul} = 10,769 ha) for the estimate and upper bound for the lake area above extractable Al = 50 ug L^{-1}. Again, deriving estimates from the distribution plots is discouraged.

9.2.2.2 ***Statistics***--Associated with each distribution are the following descriptive statistics:

- Mean and standard deviation, appropriately weighted to reflect the estimated distribution, 1-F(x) [or F(x)]. There are no comparable statistics for 1-G(x) [or G(x)].

- MIN and MAX are the minimum and maximum values of variable X observed in samples for the population or subpopulation being examined.

- The median is the estimated value of variable X such that half the number of lakes, or half the lake area, in the population are above (or below) this value.

- The quintiles (Q_1, Q_2, Q_3, Q_4, Q_5) are the values of X that partition the distribution into 5 equal parts (e.g., the 4th quintile is the 80th percentile; Q_5 is the maximum value). These values are particularly useful in comparing differences among subpopulations.

- For each of the designated reference values of variable X, denoted X_c, is printed the corresponding value of:

  $$p_c,\ \hat{N}_c \text{ and } N_{cu} \text{ or } g_c,\ \hat{A}_c \text{ and } A_{cu}$$

  where p_c = the estimated proportion of lakes,
  $\hat{N}_c$ = the estimated number of lakes,
  N_{cu} = the upper confidence bound on number of lakes,
  g_c = the estimated proportion of lake area,
  $\hat{A}_c$ = the estimated area of lakes, and
  A_{cu} = the upper confidence bound on area of lakes having the value of $X \geq X_c$ (or $\leq X_c$).

- For single strata only, an upper confidence limit also is provided for p_c in this volume.

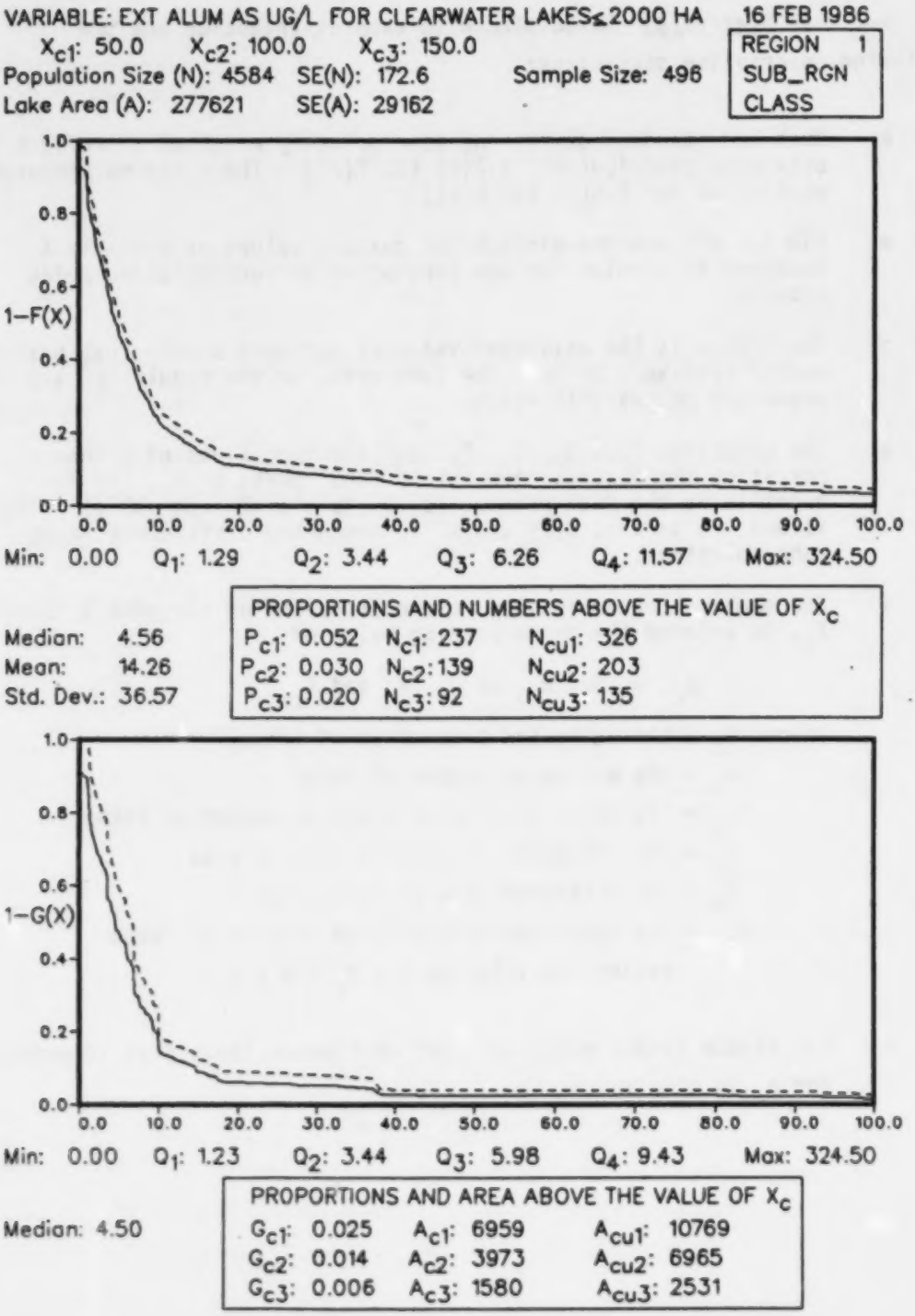


Figure 9-1. Population Estimates, Aluminum, Extractable (ALEX11), Region 1.

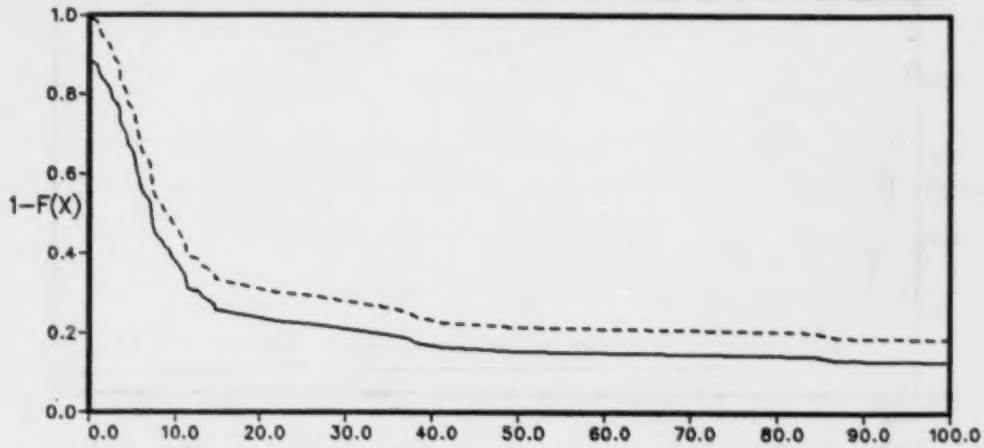
VARIABLE: EXT ALUM AS UG/L FOR CLEARWATER LAKES≤2000 HA 16 FEB 1986

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

REGION 1
SUB_RGN A
CLASS

Population Size (N): 833 SE(N): 56.1 Sample Size: 100

Lake Area (A): 82577 SE(A): 18773

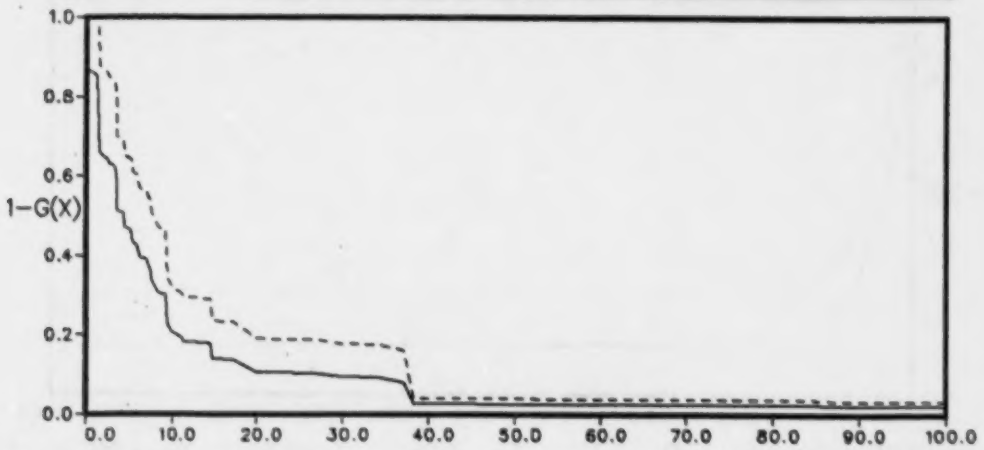


Min: 0.00 Q_1: 2.30 Q_2: 5.45 Q_3: 9.22 Q_4: 29.41 Max: 324.50

Median: 7.08
Mean: 35.47
Std. Dev.: 70.94

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.144	N_{c1}: 120	N_{cu1}: 169
P_{c2}: 0.121	N_{c2}: 100	N_{cu2}: 146
P_{c3}: 0.099	N_{c3}: 82	N_{cu3}: 124



Min: 0.00 Q_1: 1.07 Q_2: 3.17 Q_3: 5.79 Q_4: 9.83 Max: 324.50

Median: 4.13

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.025	A_{c1}: 2072	A_{cu1}: 3125
G_{c2}: 0.022	A_{c2}: 1784	A_{cu2}: 2790
G_{c3}: 0.017	A_{c3}: 1439	A_{cu3}: 2378

Figure 9-2. Population Estimates, Aluminum, Extractable (ALEX11), Subregion 1A.

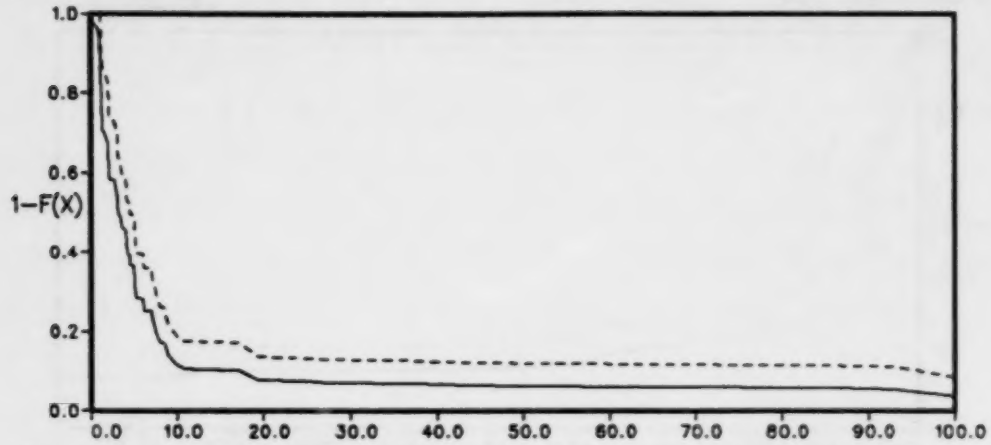
VARIABLE: EXT ALUM AS UG/L FOR CLEARWATER LAKES≤2000 HA 16 FEB 1986

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

REGION 1
SUB_RGN B
CLASS

Population Size (N): 1090 SE(N): 106.2 Sample Size: 104

Lake Area (A): 21985 SE(A): 3066

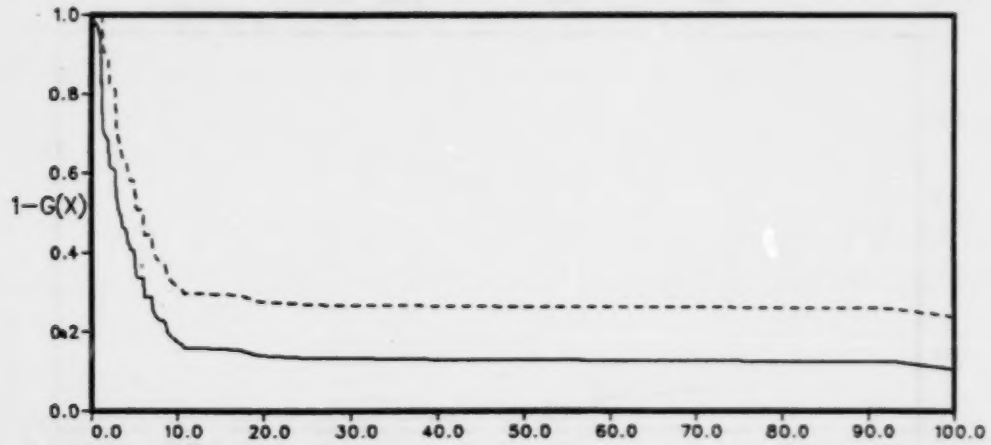


Min: 0.00 Q_1: 0.92 Q_2: 1.99 Q_3: 3.99 Q_4: 7.21 Max: 260.00

Median: 2.99
Mean: 10.63
Std. Dev.: 27.02

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.060	N_{c1}: 65	N_{cu1}: 128
P_{c2}: 0.029	N_{c2}: 32	N_{cu2}: 76
P_{c3}: 0.003	N_{c3}: 3	N_{cu3}: 8



Min: 0.00 Q_1: 0.92 Q_2: 2.70 Q_3: 4.55 Q_4: 8.49 Max: 260.00

Median: 3.06

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.127	A_{c1}: 2787	A_{cu1}: 5752
G_{c2}: 0.098	A_{c2}: 2149	A_{cu2}: 4966
G_{c3}: 0.005	A_{c3}: 101	A_{cu3}: 239

Figure 9-3. Population Estimates, Aluminum, Extractable (ALEX11), Subregion 1B.

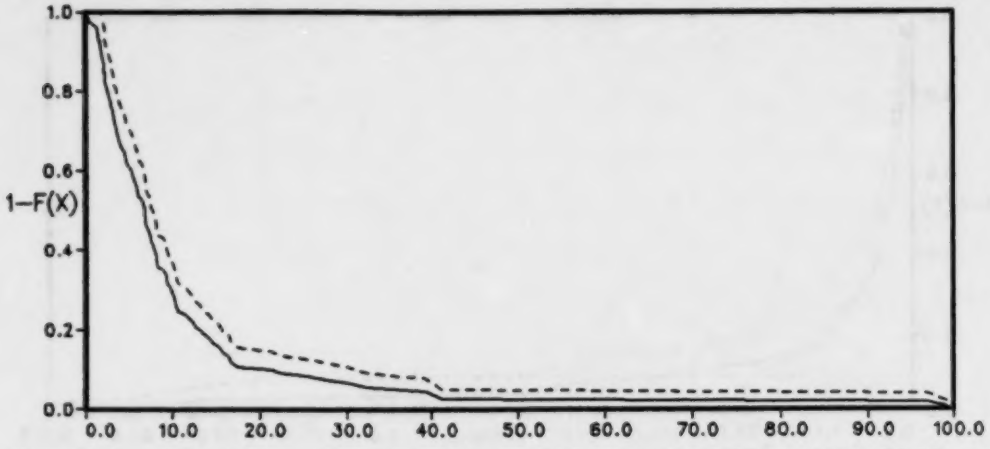
VARIABLE: EXT ALUM AS UG/L FOR CLEARWATER LAKES≤2000 HA 16 FEB 1986

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

REGION 1
SUB_RGN C
CLASS

Population Size (N): 1013 SE(N): 65.1 Sample Size: 112

Lake Area (A): 62306 SE(A): 12069

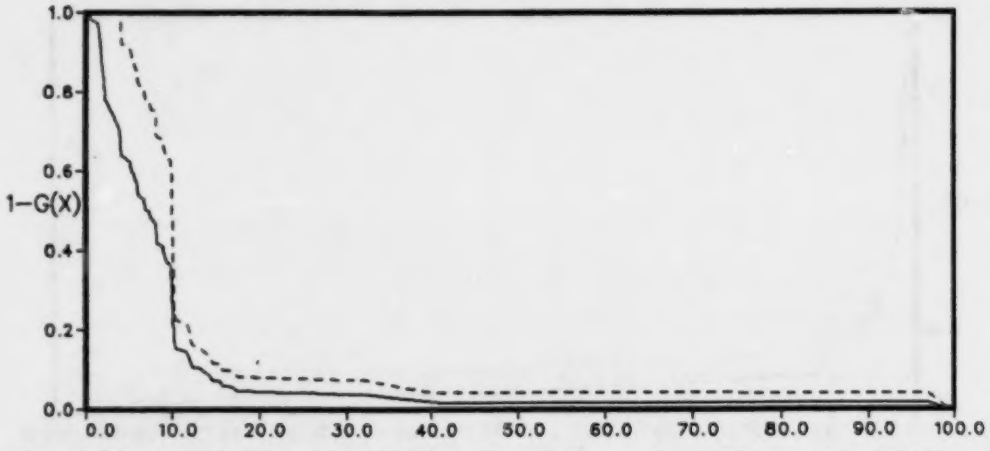


Min: 0.00 Q_1: 2.48 Q_2: 5.21 Q_3: 7.92 Q_4: 12.63 Max: 99.20

Median: 6.55
Mean: 10.22
Std. Dev.: 14.52

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.018	N_{c1}: 19	N_{cu1}: 39
P_{c2}: 0.000	N_{c2}: 0	N_{cu2}: **
P_{c3}: 0.000	N_{c3}: 0	N_{cu3}: **



Min: 0.00 Q_1: 2.16 Q_2: 5.28 Q_3: 8.45 Q_4: 9.89 Max: 99.20

Median: 6.89

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.016	A_{c1}: 1021	A_{cu1}: 2525
G_{c2}: 0.000	A_{c2}: 0	A_{cu2}: **
G_{c3}: 0.000	A_{c3}: 0	A_{cu3}: **

** Not Defined

Figure 9-4. Population Estimates, Aluminum, Extractable (ALEX11), Subregion 1C.

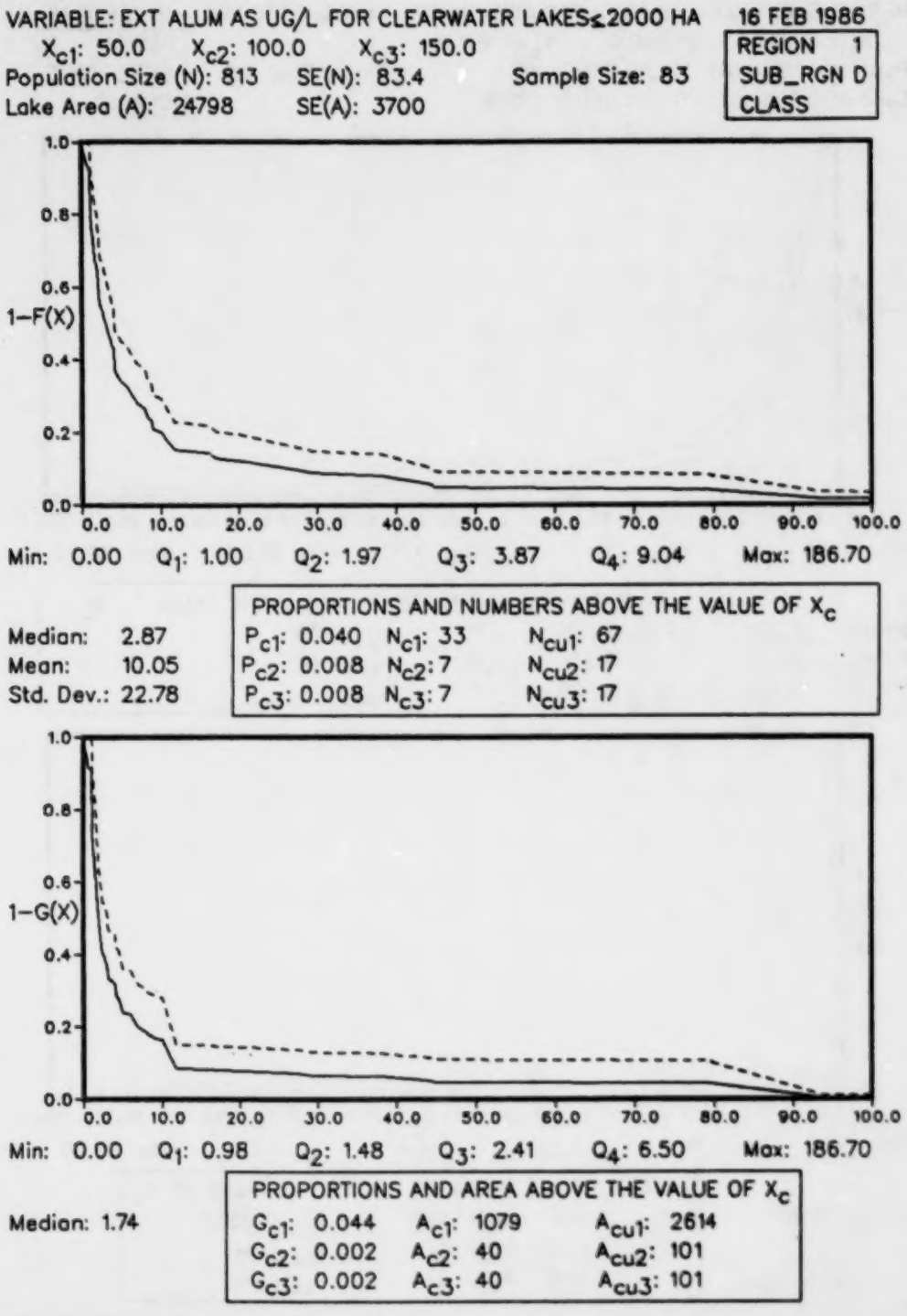


Figure 9-5. Population Estimates, Aluminum, Extractable (ALEX11), Subregion D.

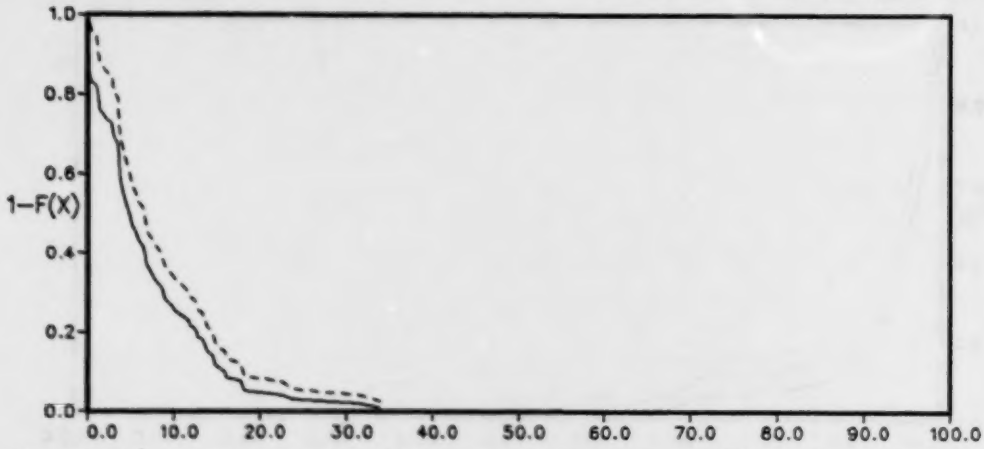
VARIABLE: EXT ALUM AS UG/L FOR CLEARWATER LAKES≤2000 HA 16 FEB 1986

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

REGION 1
SUB_RGN E
CLASS

Population Size (N): 835 SE(N): 64.8 Sample Size: 97

Lake Area (A): 85955 SE(A): 18145

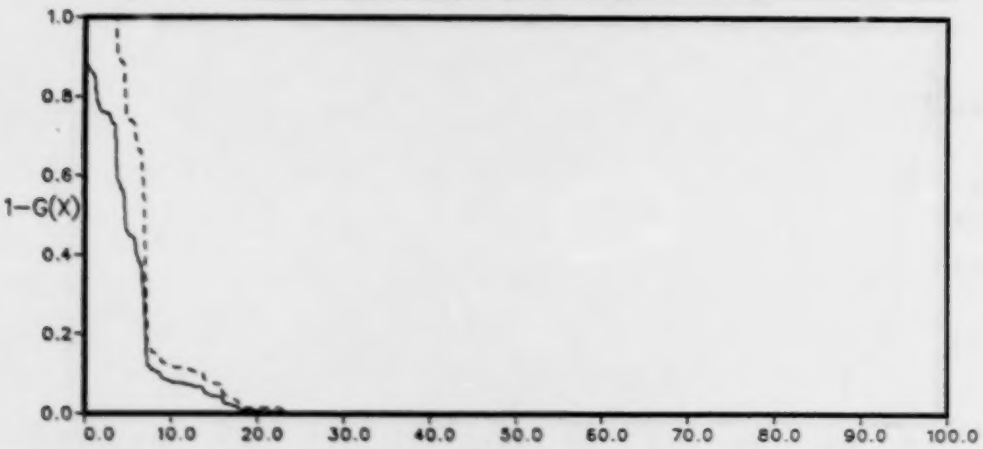


Min: 0.00 Q_1: 0.84 Q_2: 3.48 Q_3: 6.37 Q_4: 12.35 Max: 33.90

Median: 4.54
Mean: 6.81
Std. Dev.: 6.73

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.000 N_{c1}: 0 N_{cu1}: **
P_{c2}: 0.000 N_{c2}: 0 N_{cu2}: **
P_{c3}: 0.000 N_{c3}: 0 N_{cu3}: **



Min: 0.00 Q_1: 1.17 Q_2: 3.47 Q_3: 5.83 Q_4: 6.76 Max: 33.90

Median: 4.39

** Not Defined

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.000 A_{c1}: 0 A_{cu1}: **
G_{c2}: 0.000 A_{c2}: 0 A_{cu2}: **
G_{c3}: 0.000 A_{c3}: 0 A_{cu3}: **

Figure 9-6. Population Estimates, Aluminum, Extractable (ALEX11), Subregion 1E.

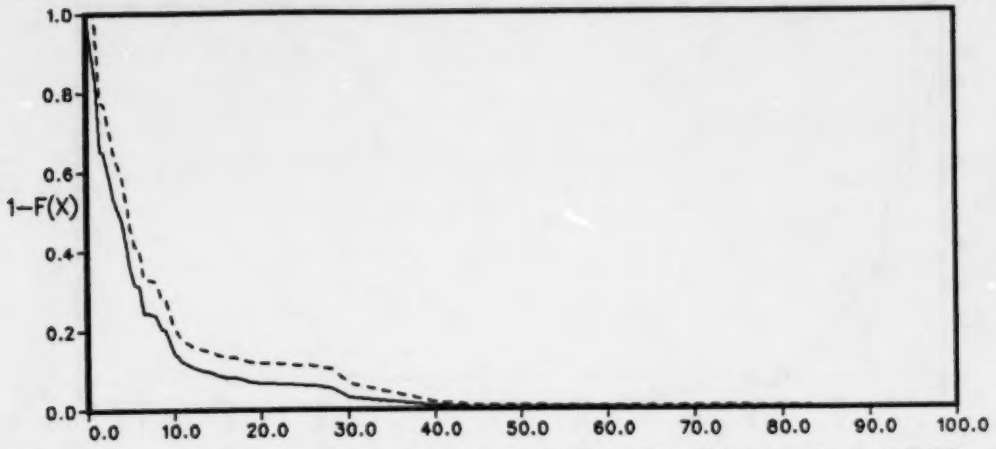
VARIABLE: EXT ALUM AS UG/L FOR CLEARWATER LAKES≤2000 HA 16 FEB 1986

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 3927 SE(N): 337.6 Sample Size: 278

Lake Area (A): 312694 SE(A): 67216

REGION 2
SUB_RGN
CLASS

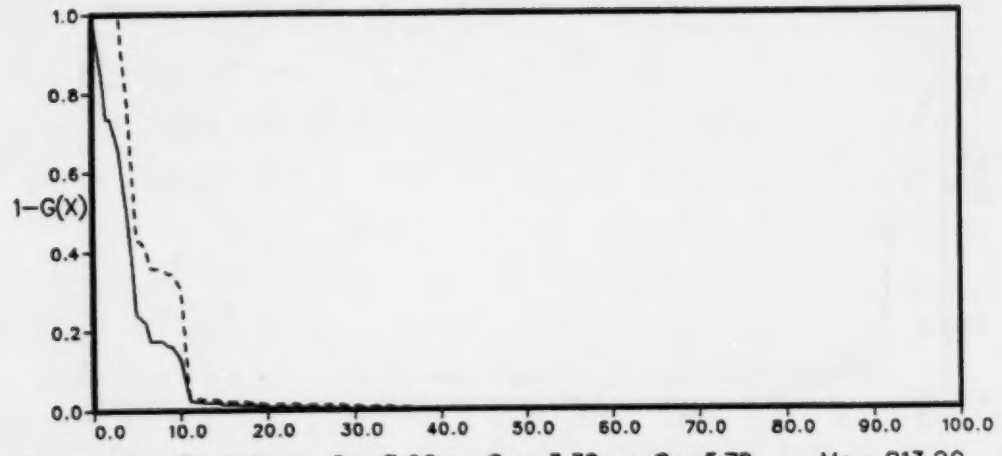


Min: 0.00 Q_1: 0.15 Q_2: 2.00 Q_3: 3.67 Q_4: 8.52 Max: 213.00

Median: 3.00
Mean: 5.77
Std. Dev.: 9.61

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.005	N_{c1}: 19	N_{cu1}: 33
P_{c2}: 0.000	N_{c2}: 2	N_{cu2}: 4
P_{c3}: 0.000	N_{c3}: 2	N_{cu3}: 4



Min: 0.00 Q_1: 0.41 Q_2: 3.00 Q_3: 3.32 Q_4: 5.72 Max: 213.00

Median: 3.00

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.001	A_{c1}: 240	A_{cu1}: 380
G_{c2}: 0.000	A_{c2}: 94	A_{cu2}: 199
G_{c3}: 0.000	A_{c3}: 94	A_{cu3}: 199

Figure 9-7. Population Estimates, Aluminum, Extractable (ALEX11), Region 2.

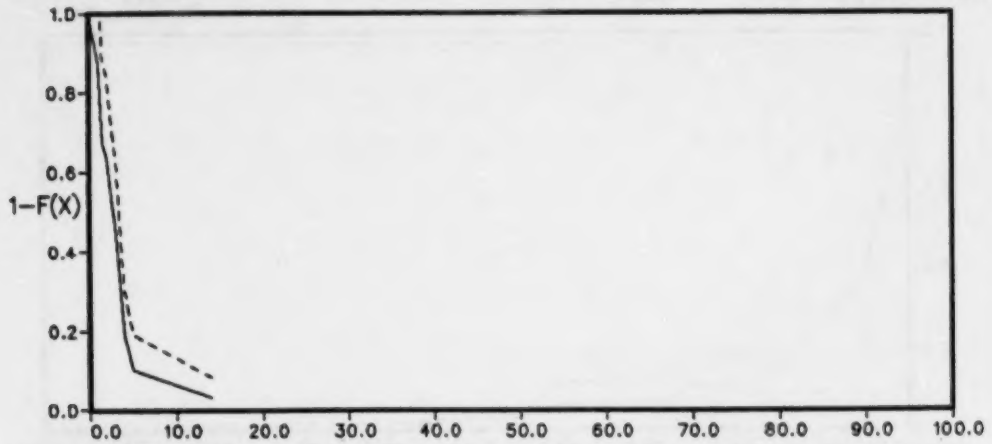
VARIABLE: EXT ALUM AS UG/L FOR CLEARWATER LAKES≤2000 HA 16 FEB 1986

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 440 SE(N): 66.1 Sample Size: 39

Lake Area (A): 79692 SE(A): 34679

REGION 2
SUB_RGN A
CLASS

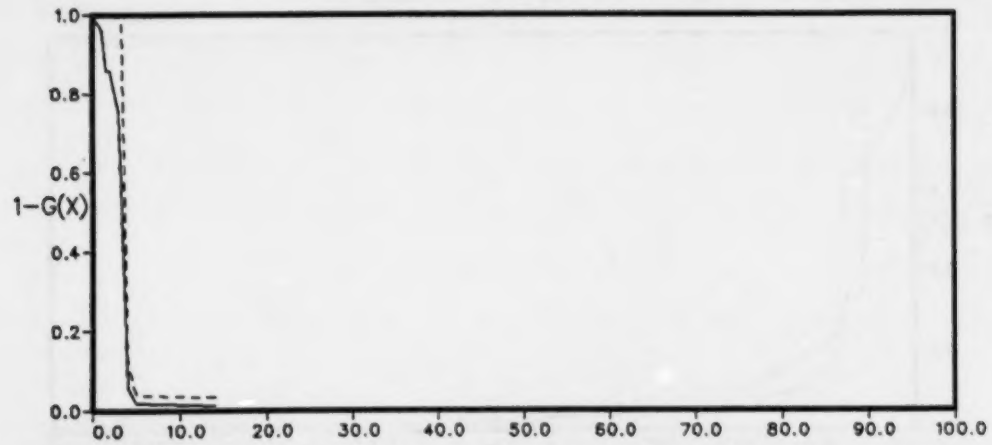


Min: 0.00 Q_1: 0.36 Q_2: 1.61 Q_3: 2.24 Q_4: 2.96 Max: 14.00

Median: 1.90
Mean: 2.57
Std. Dev.: 2.50

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.000 N_{c1}: 0 N_{cu1}: **
P_{c2}: 0.000 N_{c2}: 0 N_{cu2}: **
P_{c3}: 0.000 N_{c3}: 0 N_{cu3}: **



Min: 0.00 Q_1: 1.78 Q_2: 2.22 Q_3: 2.51 Q_4: 2.79 Max: 14.00

Median: 2.36

** Not Defined

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.000 A_{c1}: 0 A_{cu1}: **
G_{c2}: 0.000 A_{c2}: 0 A_{cu2}: **
G_{c3}: 0.000 A_{c3}: 0 A_{cu3}: **

Figure 9-8. Population Estimates, Aluminum, Extractable (ALEX11), Subregion 2A.

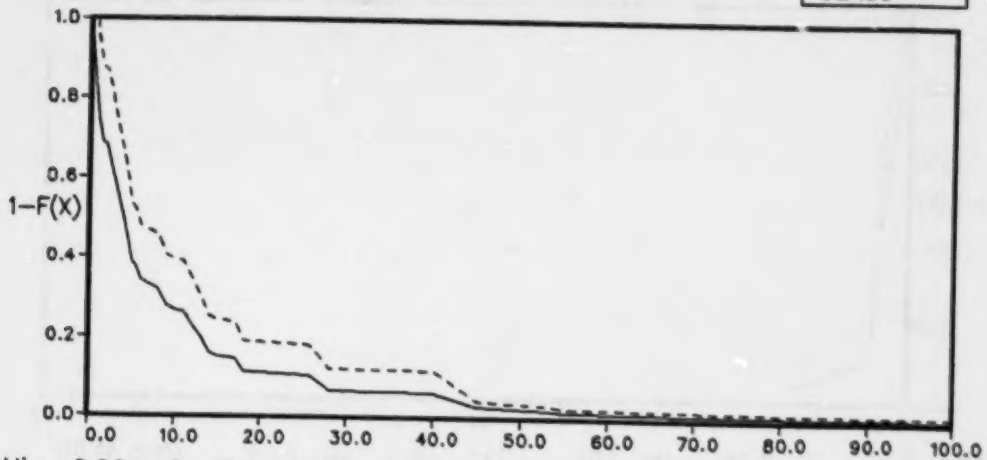
VARIABLE: EXT ALUM AS UG/L FOR CLEARWATER LAKES≤2000 HA 16 FEB 1986

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

REGION 2
SUB_RGN B
CLASS

Population Size (N): 517 SE(N): 68.4 Sample Size: 78

Lake Area (A): 12675 SE(A): 4921

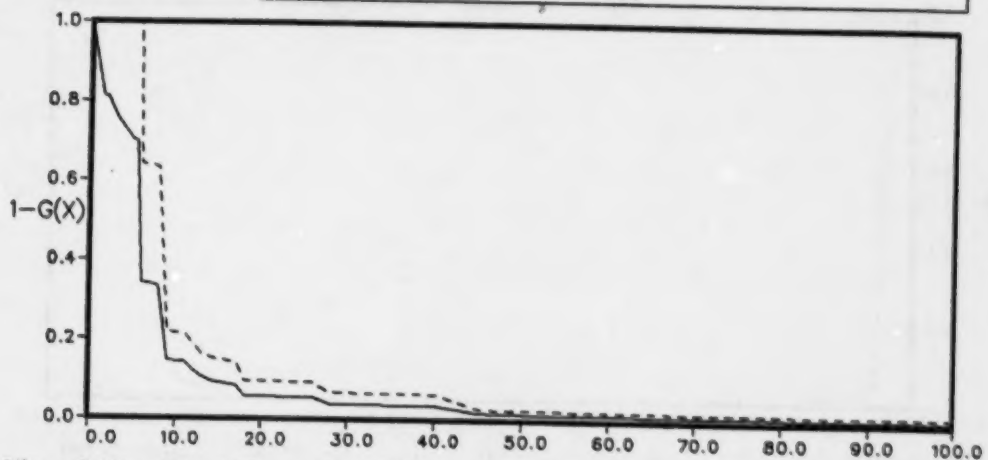


Min: 0.00 Q_1: 0.41 Q_2: 1.94 Q_3: 3.90 Q_4: 11.91 Max: 213.00

Median: 2.97
Mean: 8.75
Std. Dev.: 17.65

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.021	N_{c1}: 11	N_{cu1}: 17
P_{c2}: 0.004	N_{c2}: 2	N_{cu2}: 4
P_{c3}: 0.004	N_{c3}: 2	N_{cu3}: 4



Min: 0.00 Q_1: 1.62 Q_2: 5.14 Q_3: 5.42 Q_4: 7.72 Max: 213.00

Median: 5.28

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.015	A_{c1}: 196	A_{cu1}: 319
G_{c2}: 0.007	A_{c2}: 94	A_{cu2}: 199
G_{c3}: 0.007	A_{c3}: 94	A_{cu3}: 199

Figure 9-9. Population Estimates, Aluminum, Extractable (ALEX11), Subregion 2B.

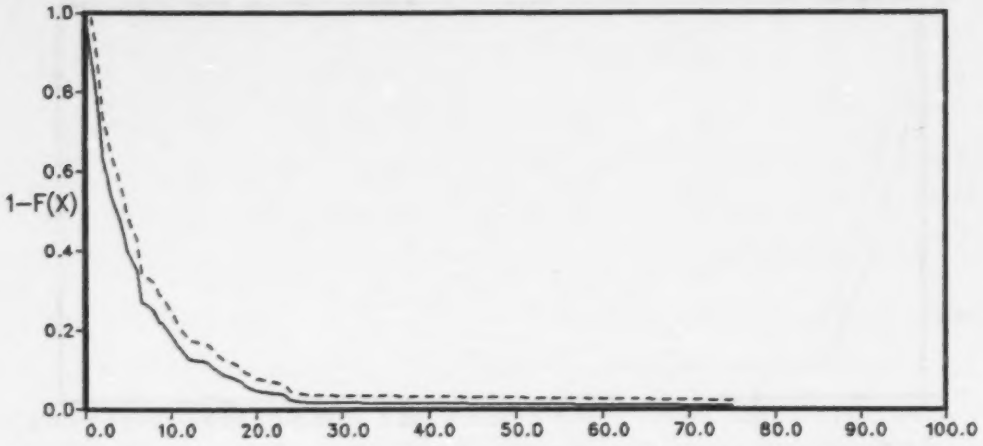
VARIABLE: EXT ALUM AS UG/L FOR CLEARWATER LAKES≤2000 HA 16 FEB 1986

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

REGION	2
SUB_RGN	C
CLASS	

Population Size (N): 946 SE(N): 67.0 Sample Size: 99

Lake Area (A): 83007 SE(A): 21390

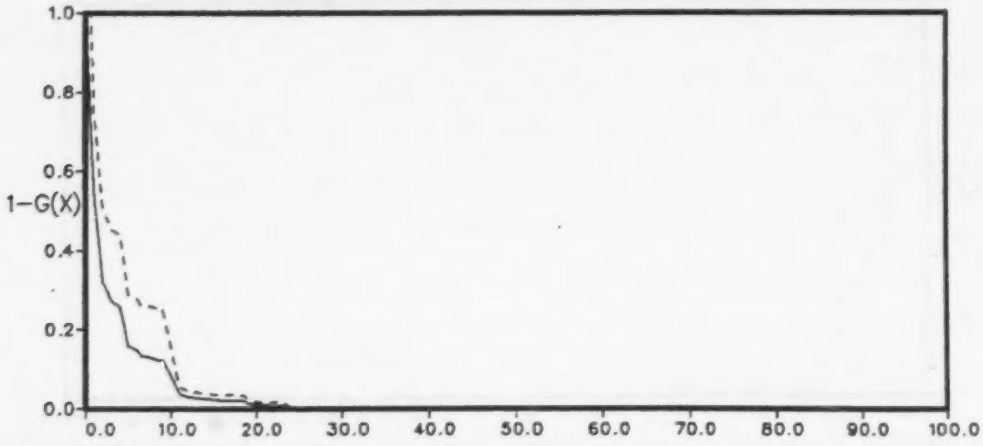


Min: 0.00 Q_1: 0.18 Q_2: 2.00 Q_3: 3.95 Q_4: 8.63 Max: 75.00

Median: 2.63
Mean: 5.73
Std. Dev.: 8.75

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.009	N_{c1}: 8	N_{cu1}: 21
P_{c2}: 0.000	N_{c2}: 0	N_{cu2}: **
P_{c3}: 0.000	N_{c3}: 0	N_{cu3}: **



Min: 0.00 Q_1: 0.00 Q_2: 1.17 Q_3: 0.61 Q_4: 3.59 Max: 75.00

Median: 0.10

** Not Defined

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.001	A_{c1}: 44	A_{cu1}: 112
G_{c2}: 0.000	A_{c2}: 0	A_{cu2}: **
G_{c3}: 0.000	A_{c3}: 0	A_{cu3}: **

Figure 9-10. Population Estimates, Aluminum, Extractable (ALEX11), Subregion 2C.

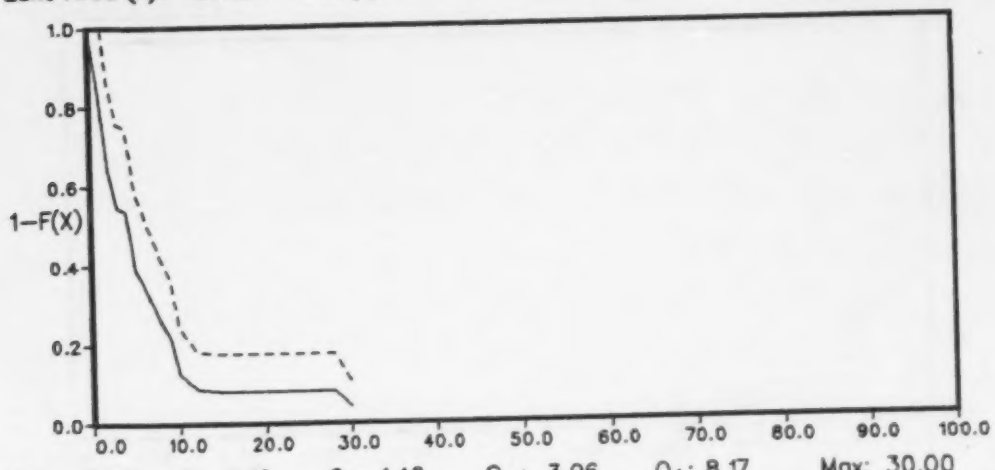
VARIABLE: EXT ALUM AS UG/L FOR CLEARWATER LAKES≤2000 HA 16 FEB 1986

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 2024 SE(N): 316.9 Sample Size: 62

Lake Area (A): 137320 SE(A): 53232

REGION 2
SUB_RGN D
CLASS

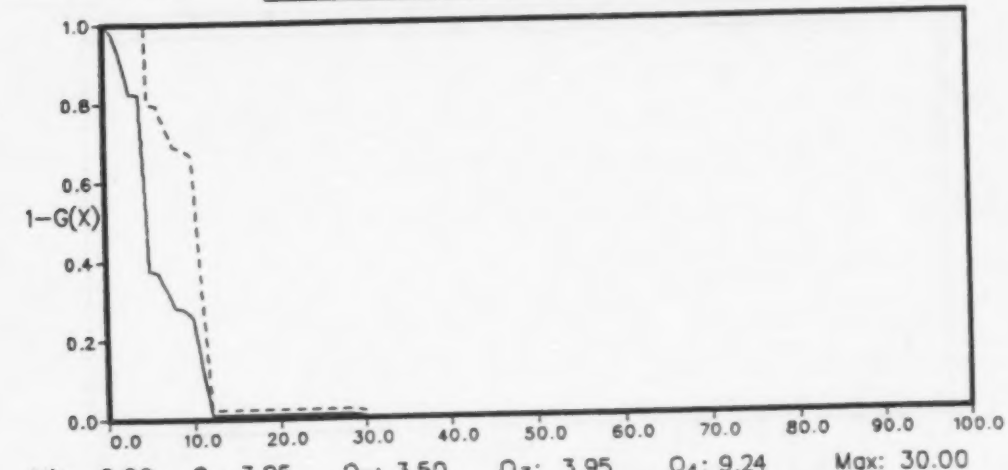


Min: 0.00 Q_1: 0.16 Q_2: 1.46 Q_3: 3.96 Q_4: 8.17 Max: 30.00

Median: 3.25
Mean: 5.72
Std. Dev.: 7.62

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.000 N_{c1}: 0 N_{cu1}: **
P_{c2}: 0.000 N_{c2}: 0 N_{cu2}: **
P_{c3}: 0.000 N_{c3}: 0 N_{cu3}: **



Min: 0.00 Q_1: 3.05 Q_2: 3.50 Q_3: 3.95 Q_4: 9.24 Max: 30.00

Median: 3.72

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.000 A_{c1}: 0 A_{cu1}: **
G_{c2}: 0.000 A_{c2}: 0 A_{cu2}: **
G_{c3}: 0.000 A_{c3}: 0 A_{cu3}: **

** Not Defined

Figure 9-11 Population Estimates, Aluminum, Extractable (ALEX11), Subregion 2D.

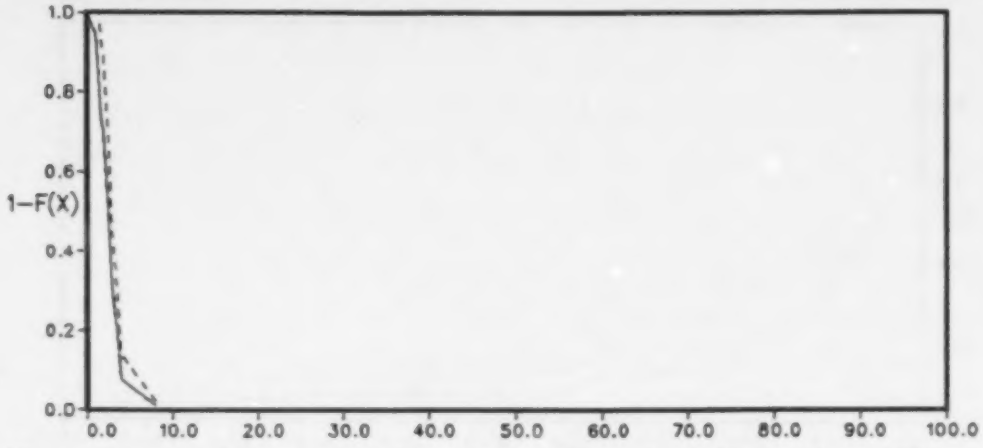
VARIABLE: EXT ALUM AS UG/L FOR CLEARWATER LAKES≤2000 HA 16 FEB 1986

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 115 SE(N): 15.5 Sample Size: 48

Lake Area (A): 18547 SE(A): 4133

REGION 3
SUB_RGN A
CLASS

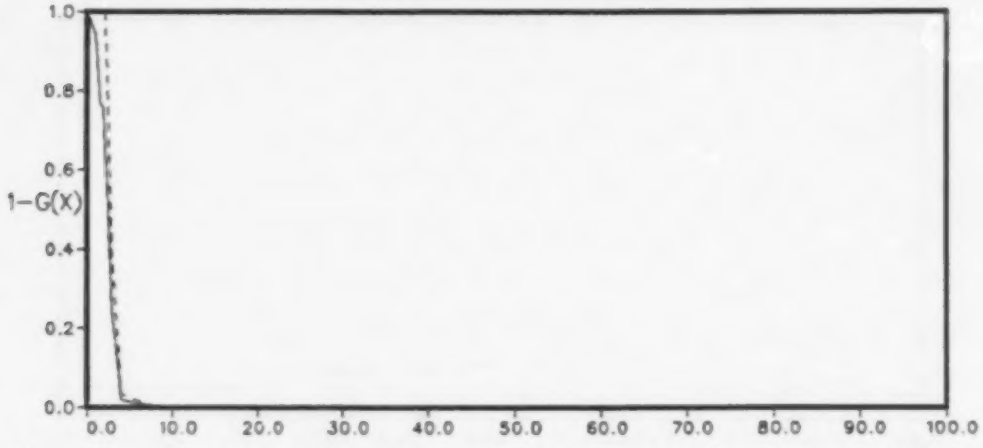


Min: 0.00 Q_1: 0.82 Q_2: 2.00 Q_3: 2.00 Q_4: 2.48 Max: 8.00

Median: 2.00
Mean: 2.12
Std. Dev.: 1.14

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.000	N_{c1}: 0	N_{cu1}: **
P_{c2}: 0.000	N_{c2}: 0	N_{cu2}: **
P_{c3}: 0.000	N_{c3}: 0	N_{cu3}: **



Min: 0.00 Q_1: 0.83 Q_2: 2.00 Q_3: 2.00 Q_4: 2.20 Max: 8.00

Median: 2.00

** Not Defined

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.000	A_{c1}: 0	A_{cu1}: **
G_{c2}: 0.000	A_{c2}: 0	A_{cu2}: **
G_{c3}: 0.000	A_{c3}: 0	A_{cu3}: **

Figure 9-12. Population Estimates, Aluminum, Extractable (ALEX11), Subregion 3A.

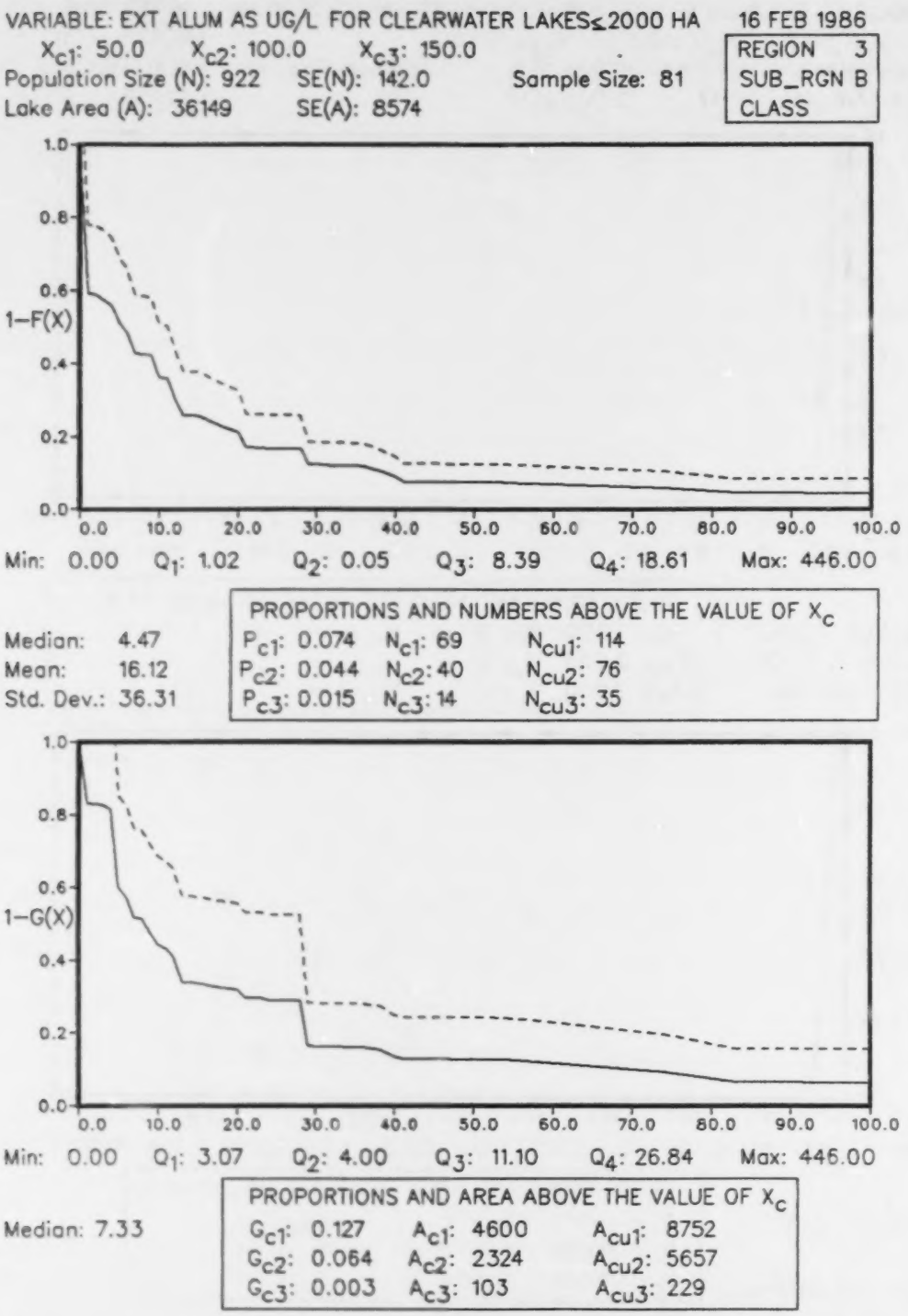


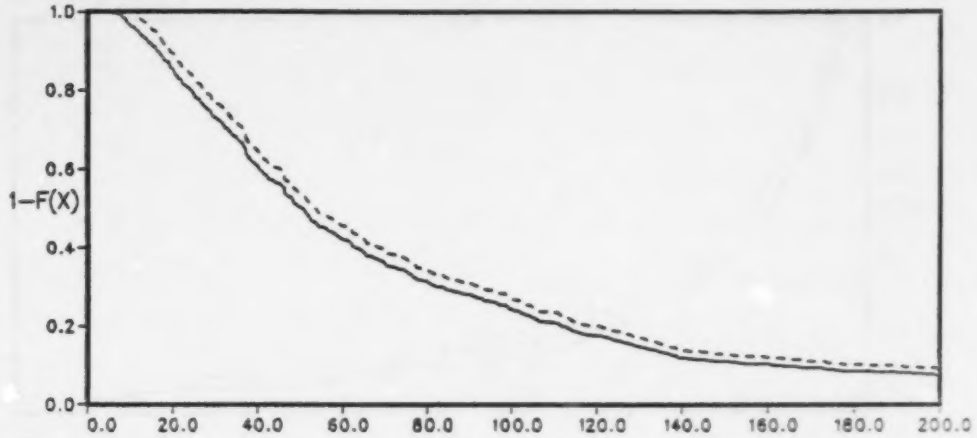
Figure 9-13. Population Estimates, Aluminum, Extractable (ALEX11), Subregion 3B.

VARIABLE: TOTAL ALUM AS UG/L FOR LAKES ≤2000 HA

16 FEB 1986

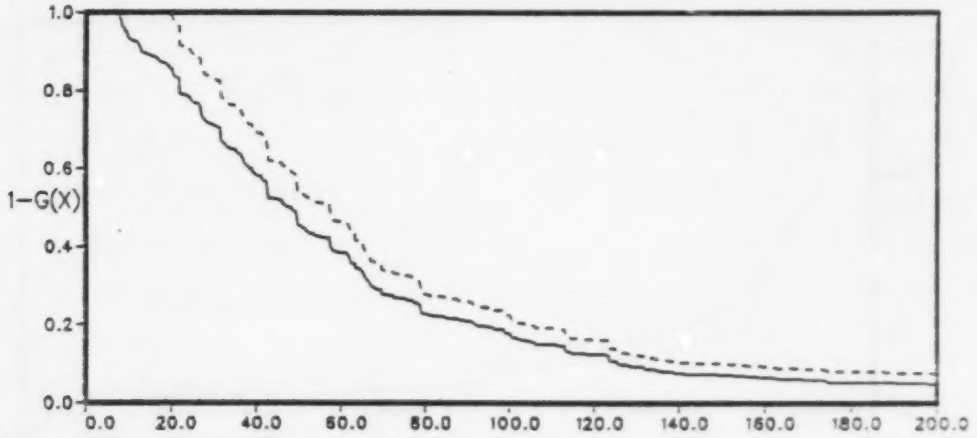
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 0.00 Q_1: 23.88 Q_2: 40.02 Q_3: 62.84 Q_4: 111.65 Max: 796.80

Median: 49.93
Mean: 79.62
Std. Dev.: 93.27



Min: 0.00 Q_1: 21.77 Q_2: 38.73 Q_3: 57.29 Q_4: 91.35 Max: 796.80

Median: 47.95

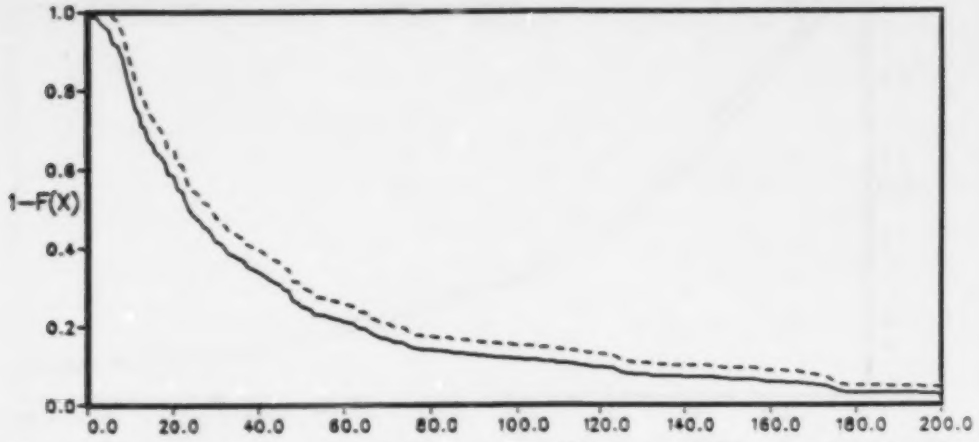
Figure 9-14. Population Estimates, Aluminum, Total (ALTL11), Region 1.

VARIABLE: TOTAL ALUM AS UG/L FOR LAKES ≤2000 HA

16 FEB 1986

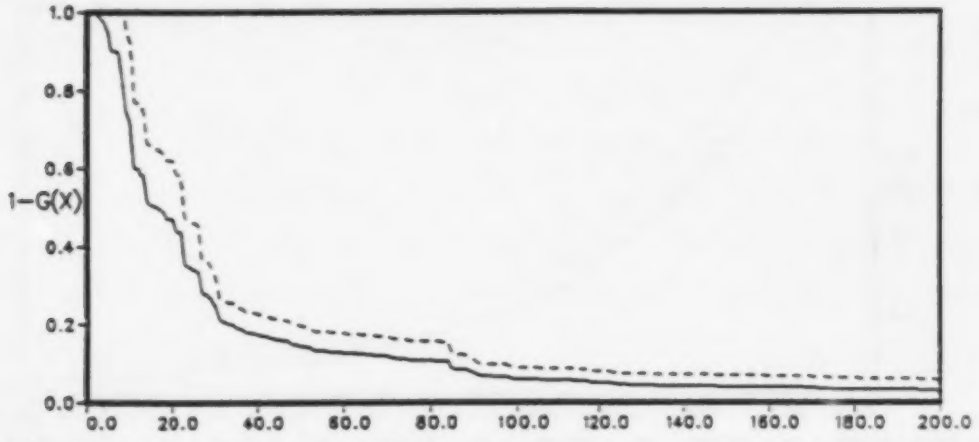
REGION 2
SUB_RGN
CLASS

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 0.00 Q_1: 9.07 Q_2: 17.58 Q_3: 30.85 Q_4: 61.73 Max: 805.00

Median: 22.88
Mean: 45.12
Std. Dev.: 64.17



Min: 0.00 Q_1: 7.72 Q_2: 10.20 Q_3: 21.45 Q_4: 33.04 Max: 805.00

Median: 15.70

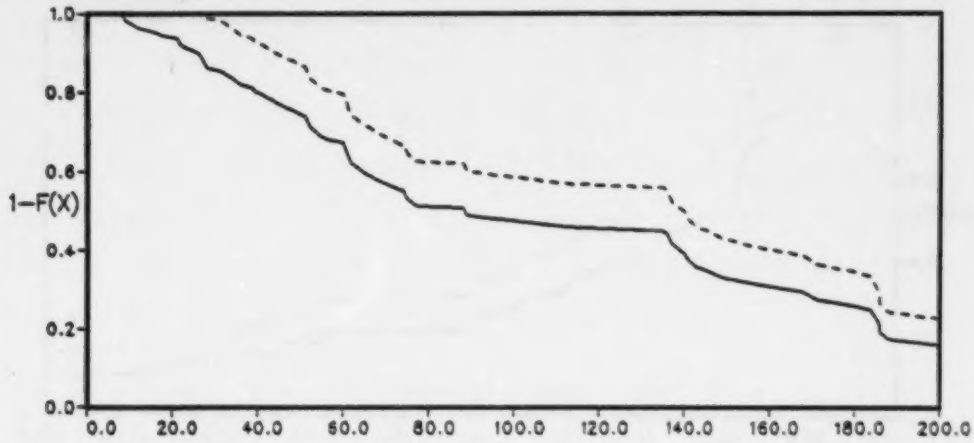
Figure 9-16. Population Estimates, Aluminum, Total (ALTL11), Region 2.

VARIABLE: TOTAL ALUM AS UG/L FOR LAKES ≤2000 HA

16 FEB 1986

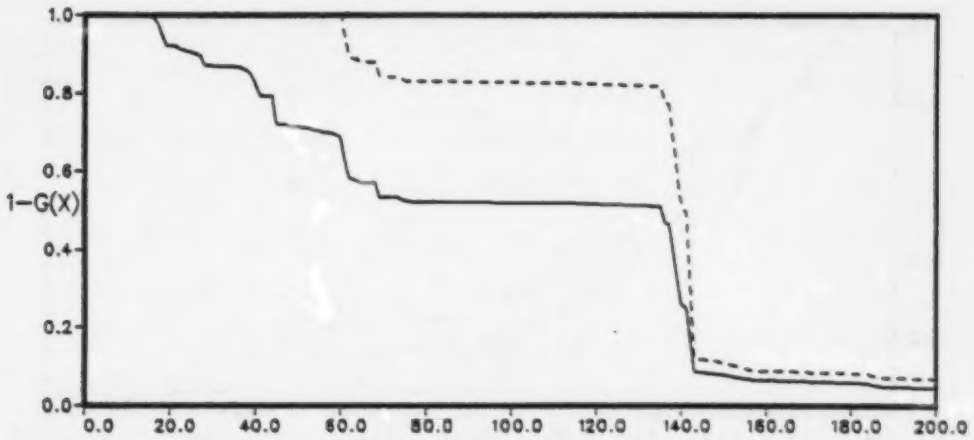
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 8.00 Q_1: 39.02 Q_2: 61.91 Q_3: 136.70 Q_4: 185.59 Max: 1090.00

Median: 81.69
Mean: 129.64
Std. Dev.: 133.45



Min: 8.00 Q_1: 39.80 Q_2: 60.57 Q_3: 136.32 Q_4: 140.31 Max: 1090.00

Median: 118.00

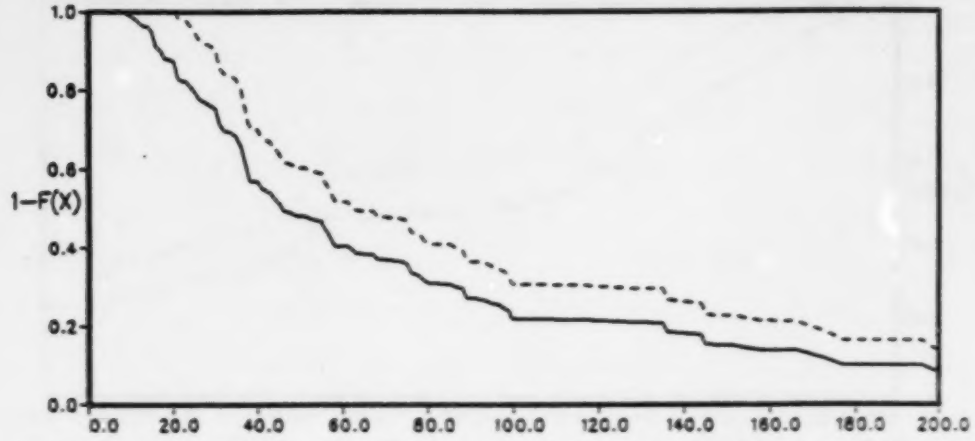
Figure 9-16. Population Estimates, Aluminum, Total (ALTL11), Subregion 3A.

VARIABLE: TOTAL ALUM AS UG/L FOR LAKES ≤2000 HA

16 FEB 1986

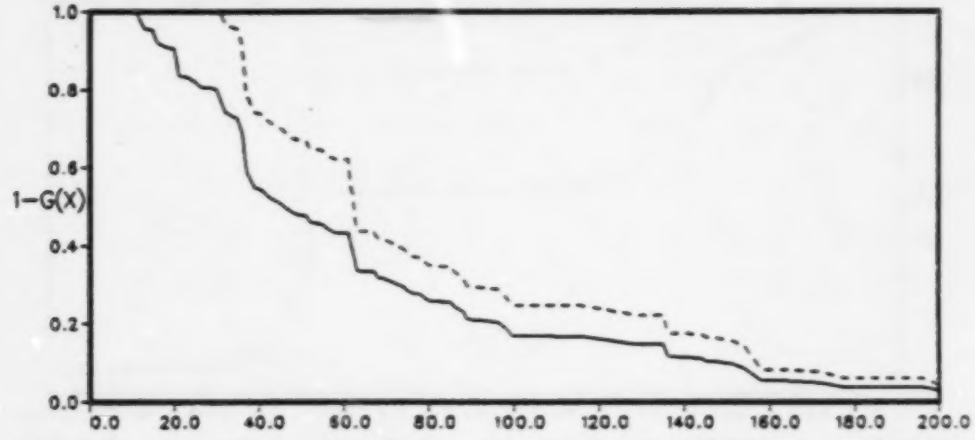
REGION 3
SUB_RGN 8
CLASS

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10150



Min: 8.00 Q_1: 22.93 Q_2: 36.32 Q_3: 60.25 Q_4: 130.58 Max: 1357.40

Median: 44.37
Mean: 108.54
Std. Dev.: 216.58



Min: 8.00 Q_1: 28.14 Q_2: 35.92 Q_3: 60.34 Q_4: 95.28 Max: 1357.40

Median: 44.81

Figure 9-17. Population Estimates, Aluminum, Total (ALTL11), Subregion 3B.

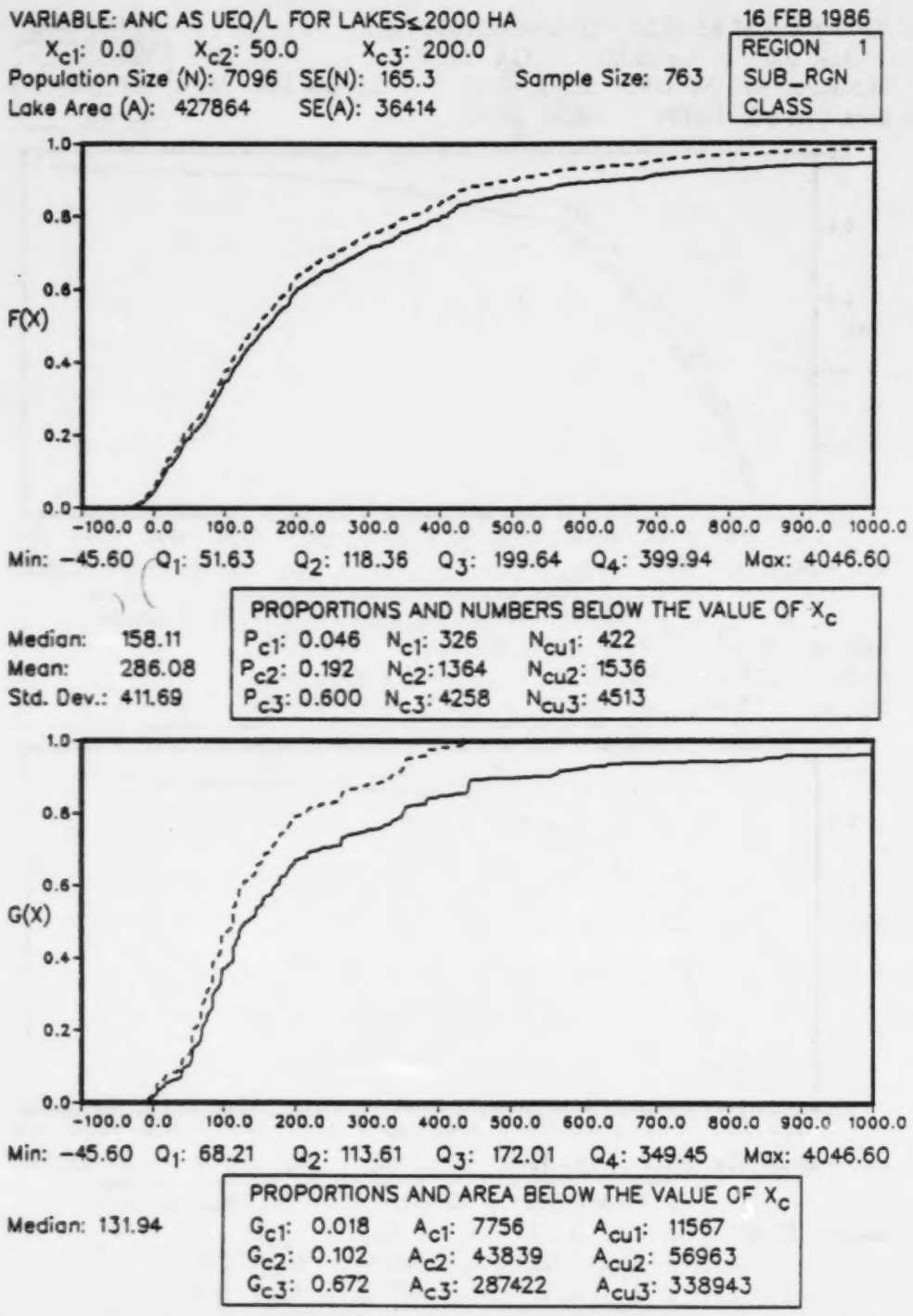


Figure 9-18. Population Estimates, Acid Neutralizing Capacity (ALKA11), Region 1.

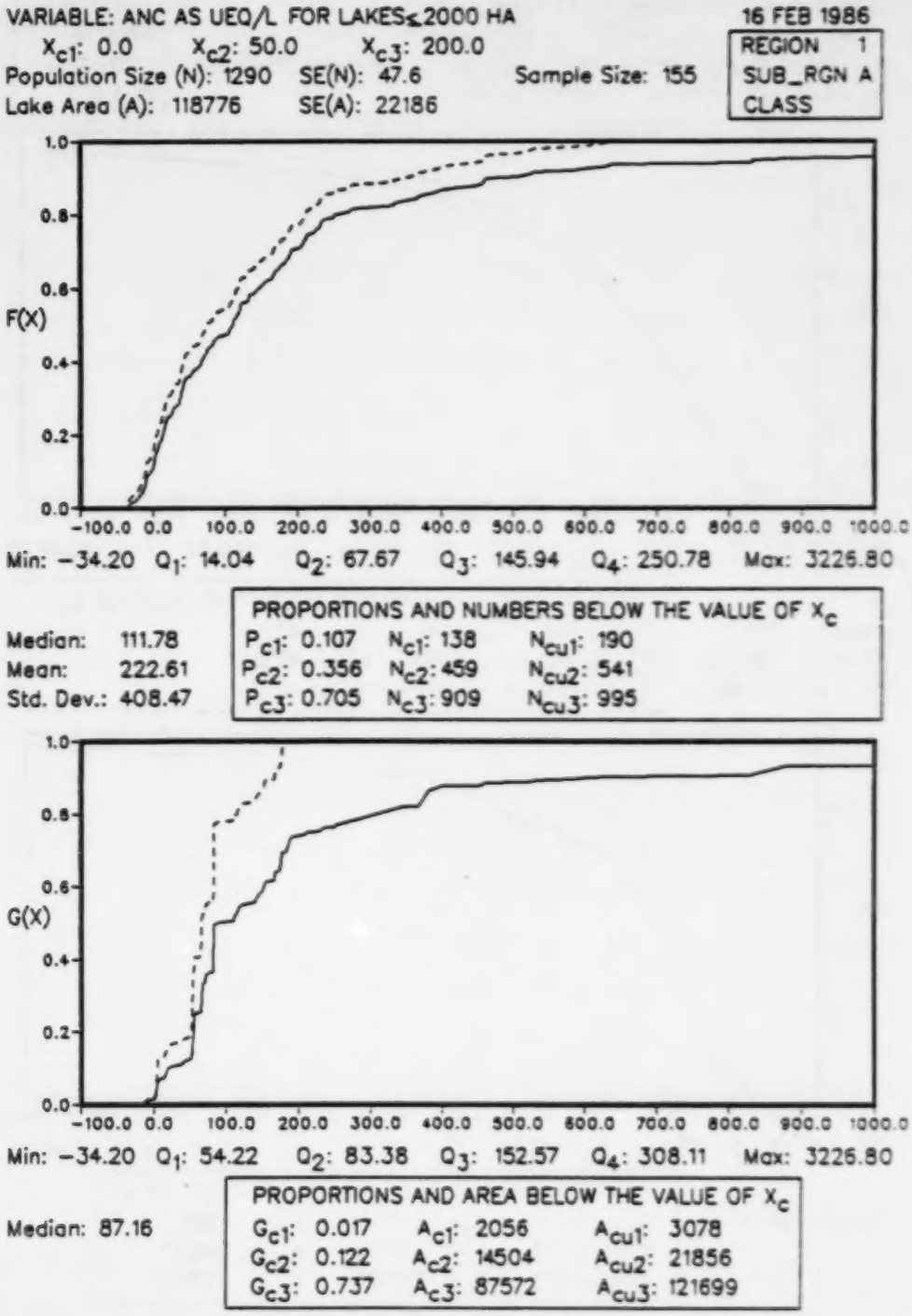


Figure 9-19. Population Estimates, Acid Neutralizing Capacity (ALKA11), Subregion 1A.

VARIABLE: ANC AS UEQ/L FOR LAKES≤2000 HA

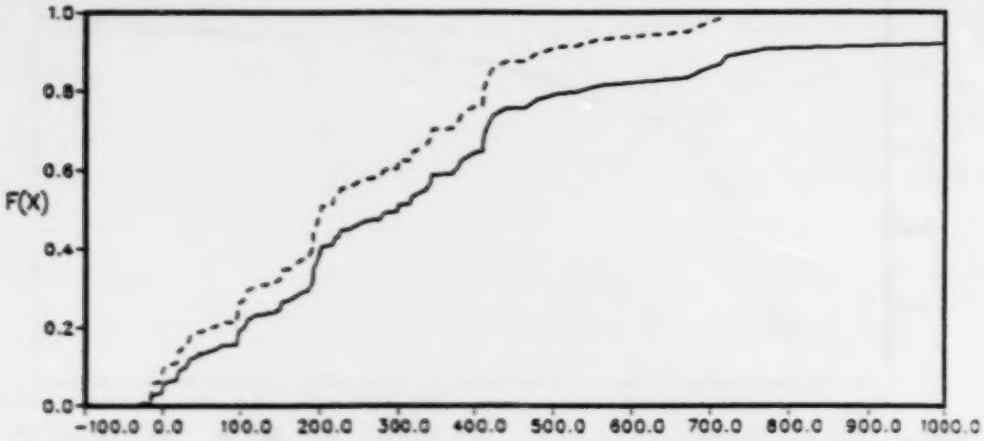
16 FEB 1986

REGION 1
SUB_RGN 8
CLASS

X_{c1}: 0.0 X_{c2}: 50.0 X_{c3}: 200.0

Population Size (N): 1479 SE(N): 92.9 Sample Size: 143

Lake Area (A): 26872 SE(A): 2913

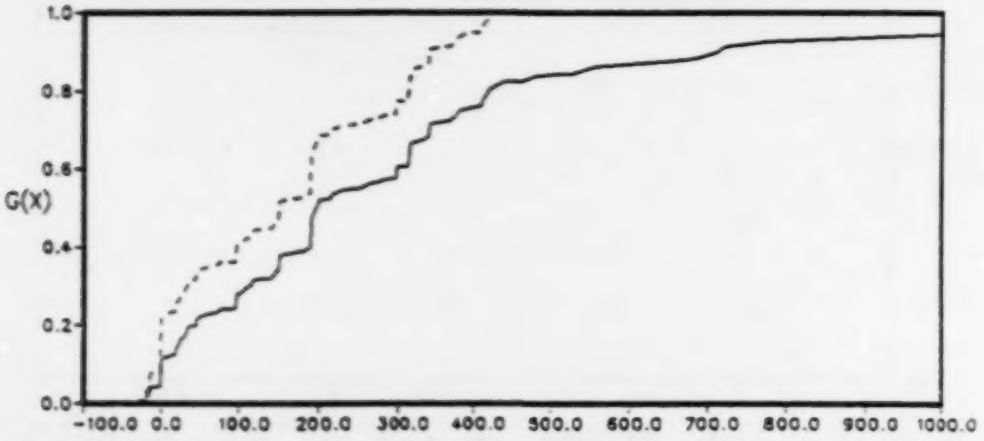


Min: −32.90 Q_1: 102.16 Q_2: 200.99 Q_3: 373.58 Q_4: 530.45 Max: 2187.00

Median: 297.39
Mean: 389.55
Std. Dev.: 400.38

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.053	N_{c1}: 78	N_{cu1}: 141
P_{c2}: 0.131	N_{c2}: 194	N_{cu2}: 281
P_{c3}: 0.387	N_{c3}: 572	N_{cu3}: 719



Min: −32.90 Q_1: 44.76 Q_2: 189.26 Q_3: 298.61 Q_4: 419.78 Max: 2187.00

Median: 196.87

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.109	A_{c1}: 2937	A_{cu1}: 5888
G_{c2}: 0.213	A_{c2}: 5719	A_{cu2}: 8923
G_{c3}: 0.508	A_{c3}: 13647	A_{cu3}: 18060

Figure 9-20. Population Estimates, Acid Neutralizing Capacity (ALKA11), Subregion 1B.

VARIABLE: ANC AS UEQ/L FOR LAKES≤2000 HA

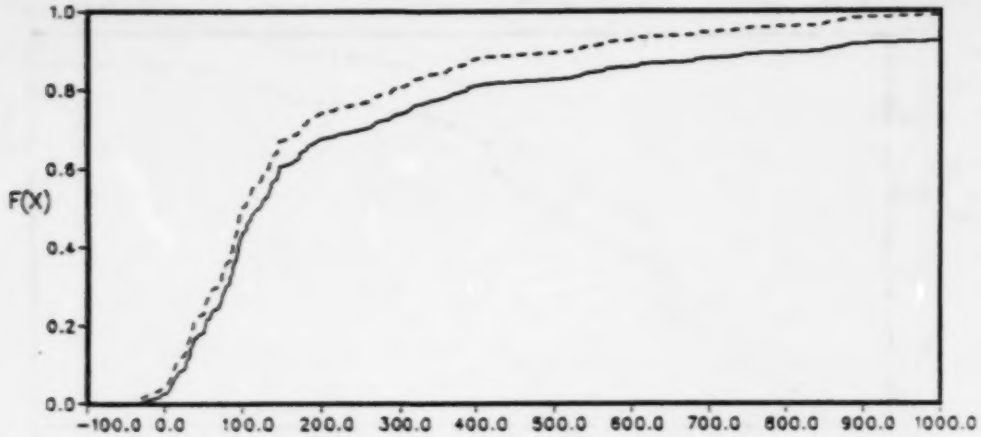
16 FEB 1986

REGION 1
SUB_RGN C
CLASS

X_{c1}: 0.0 X_{c2}: 50.0 X_{c3}: 200.0

Population Size (N): 1483 SE(N): 57.5 Sample Size: 163

Lake Area (A): 72412 SE(A): 12013

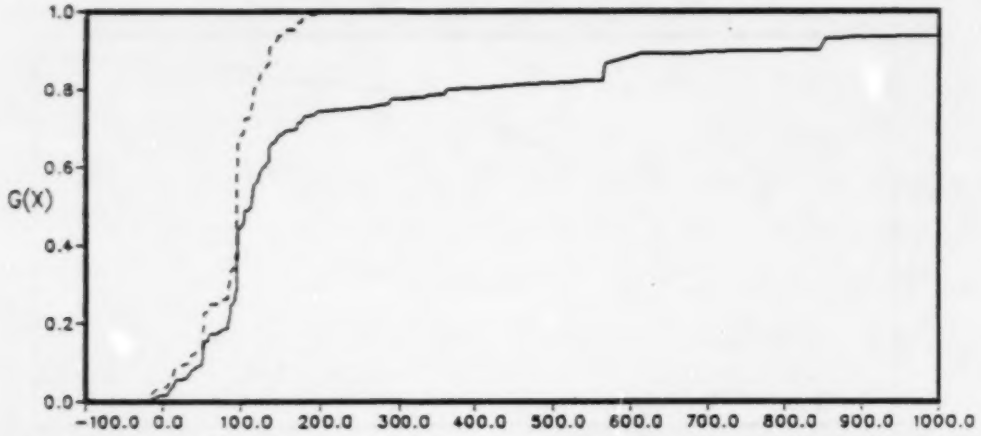


Min: −31.00 Q_1: 52.05 Q_2: 94.20 Q_3: 146.20 Q_4: 387.74 Max: 4046.60

Median: 119.88
Mean: 323.69
Std. Dev.: 557.05

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}:	0.024	N_{c1}:	35	N_{cu1}:	63
P_{c2}:	0.177	N_{c2}:	262	N_{cu2}:	334
P_{c3}:	0.676	N_{c3}:	1002	N_{cu3}:	1100



Min: −31.00 Q_1: 84.14 Q_2: 95.86 Q_3: 128.15 Q_4: 363.31 Max: 4046.60

Median: 112.94

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}:	0.016	A_{c1}:	1152	A_{cu1}:	2664
G_{c2}:	0.090	A_{c2}:	6501	A_{cu2}:	9294
G_{c3}:	0.744	A_{c3}:	53894	A_{cu3}:	72587

Figure 9-21. Population Estimates, Acid Neutralizing Capacity (ALKA11), Subregion 1C.

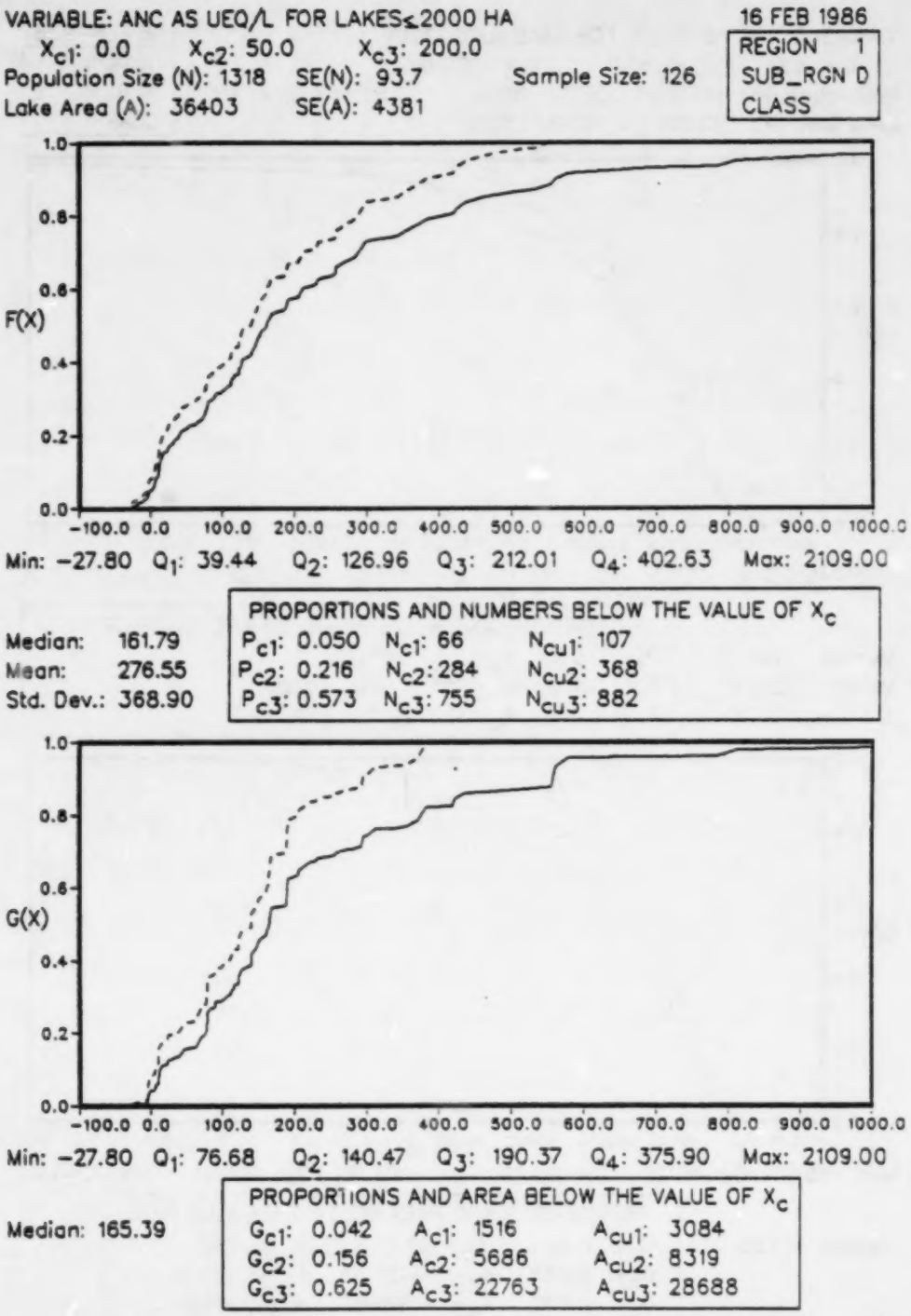


Figure 9-22. Population Estimates, Acid Neutralizing Capacity (ALKA11), Subregion 1D.

VARIABLE: ANC AS UEQ/L FOR LAKES≤2000 HA

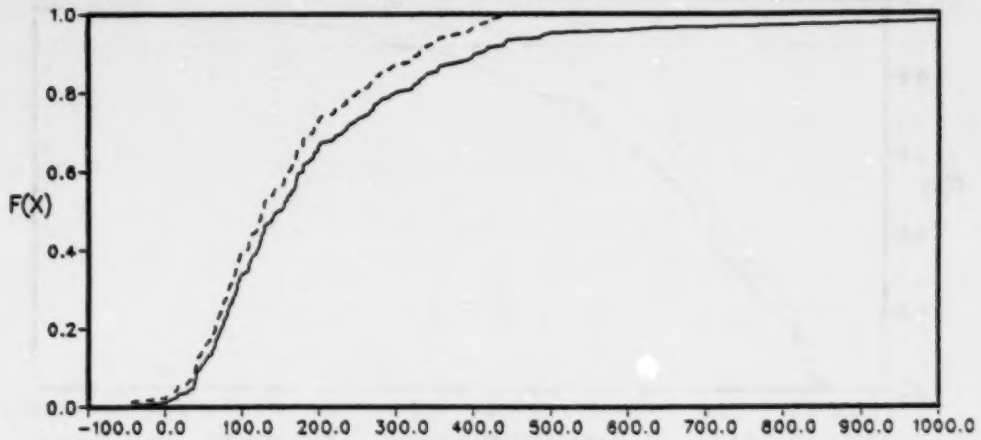
16 FEB 1986

REGION 1
SUB_RGN E
CLASS

X_{c1}: 0.0 X_{c2}: 50.0 X_{c3}: 200.0

Population Size (N): 1526 SE(N): 66.0 Sample Size: 176

Lake Area (A): 173400 SE(A): 25725

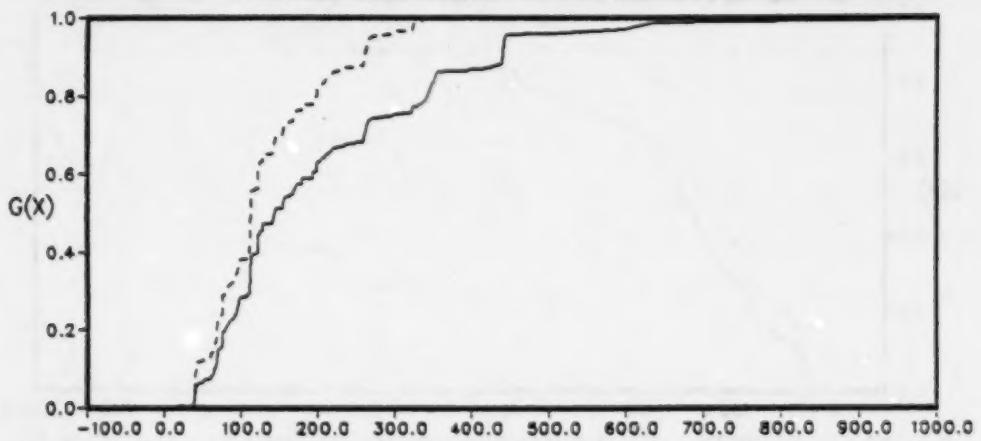


Min: −45.60 Q_1: 72.13 Q_2: 119.01 Q_3: 177.59 Q_4: 298.36 Max: 1540.90

Median: 148.36
Mean: 211.12
Std. Dev.: 227.54

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.005	N_{c1}: 8	N_{cu1}: 21
P_{c2}: 0.108	N_{c2}: 165	N_{cu2}: 220
P_{c3}: 0.668	N_{c3}: 1020	N_{cu3}: 1121



Min: −45.60 Q_1: 78.53 Q_2: 121.42 Q_3: 193.78 Q_4: 343.04 Max: 1540.90

Median: 143.95

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.001	A_{c1}: 95	A_{cu1}: 242
G_{c2}: 0.066	A_{c2}: 11428	A_{cu2}: 21083
G_{c3}: 0.632	A_{c3}: 109546	A_{cu3}: 142497

Figure 9-23. Population Estimates, Acid Neutralizing Capacity (ALKA11), Subregion 1E.

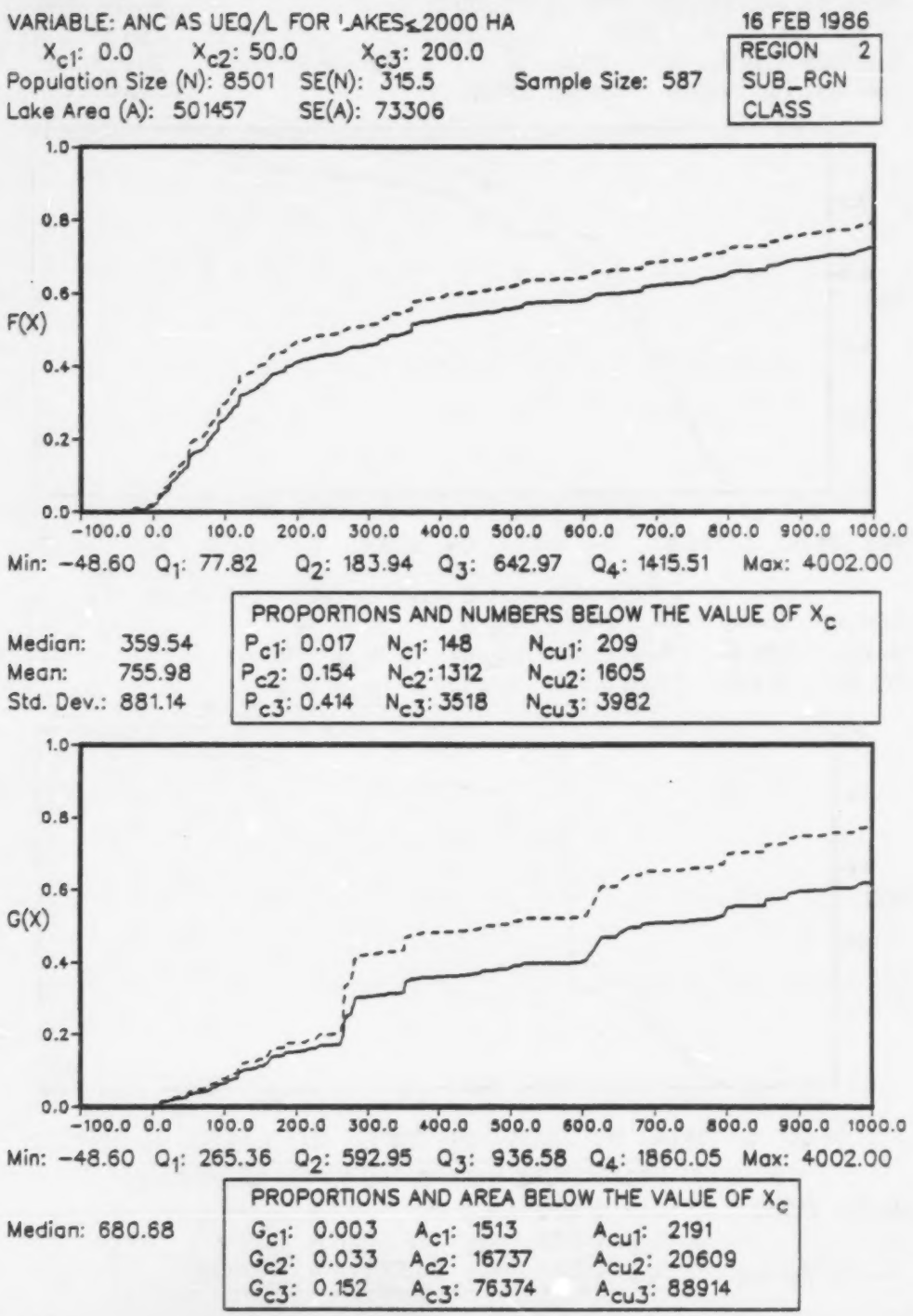


Figure 9-24. Population Estimates, Acid Neutralizing Capacity (ALKA11), Region 2.

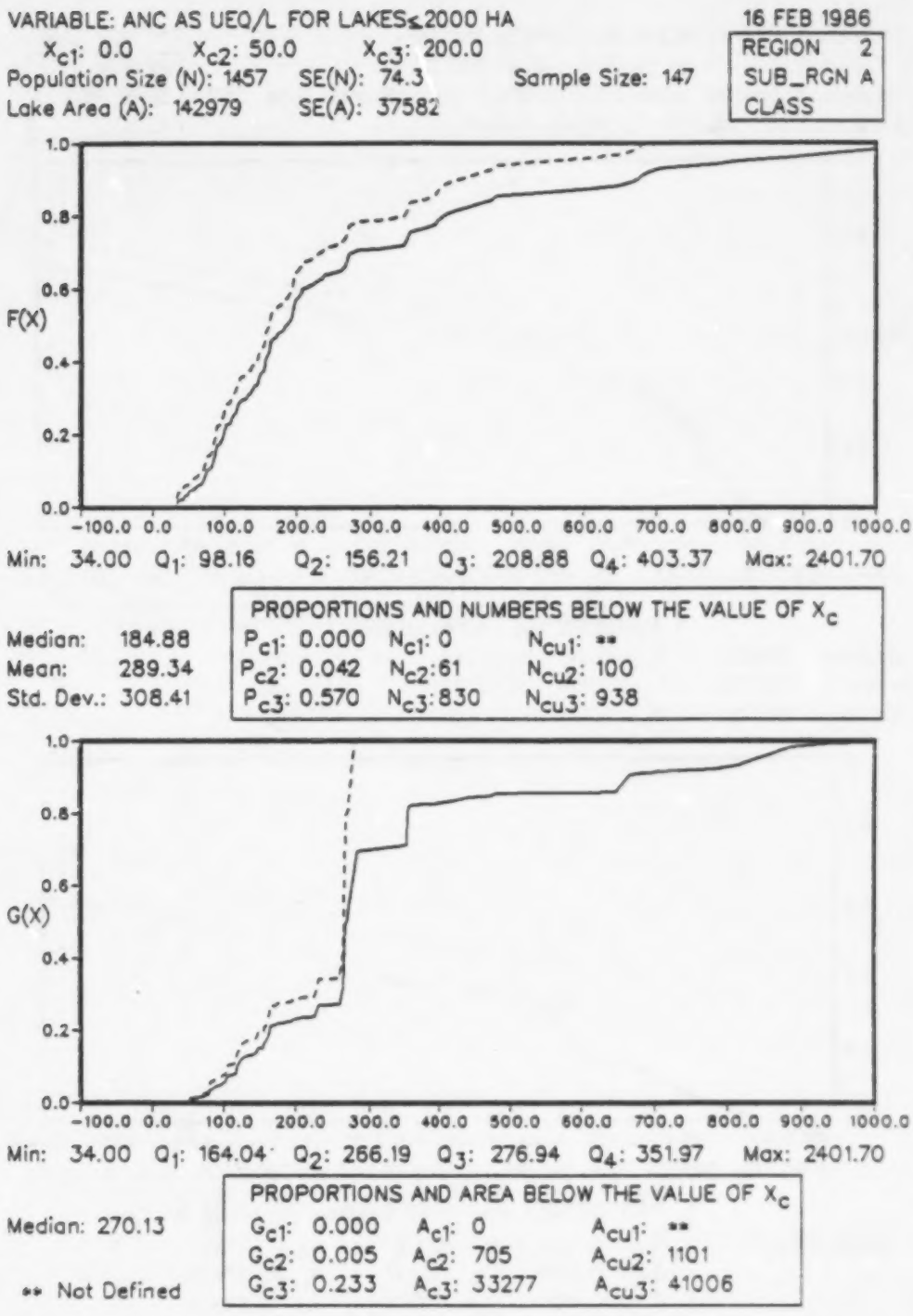


Figure 9-25. Population Estimates, Acid Neutralizing Capacity (ALKA11), Subregion 2A.

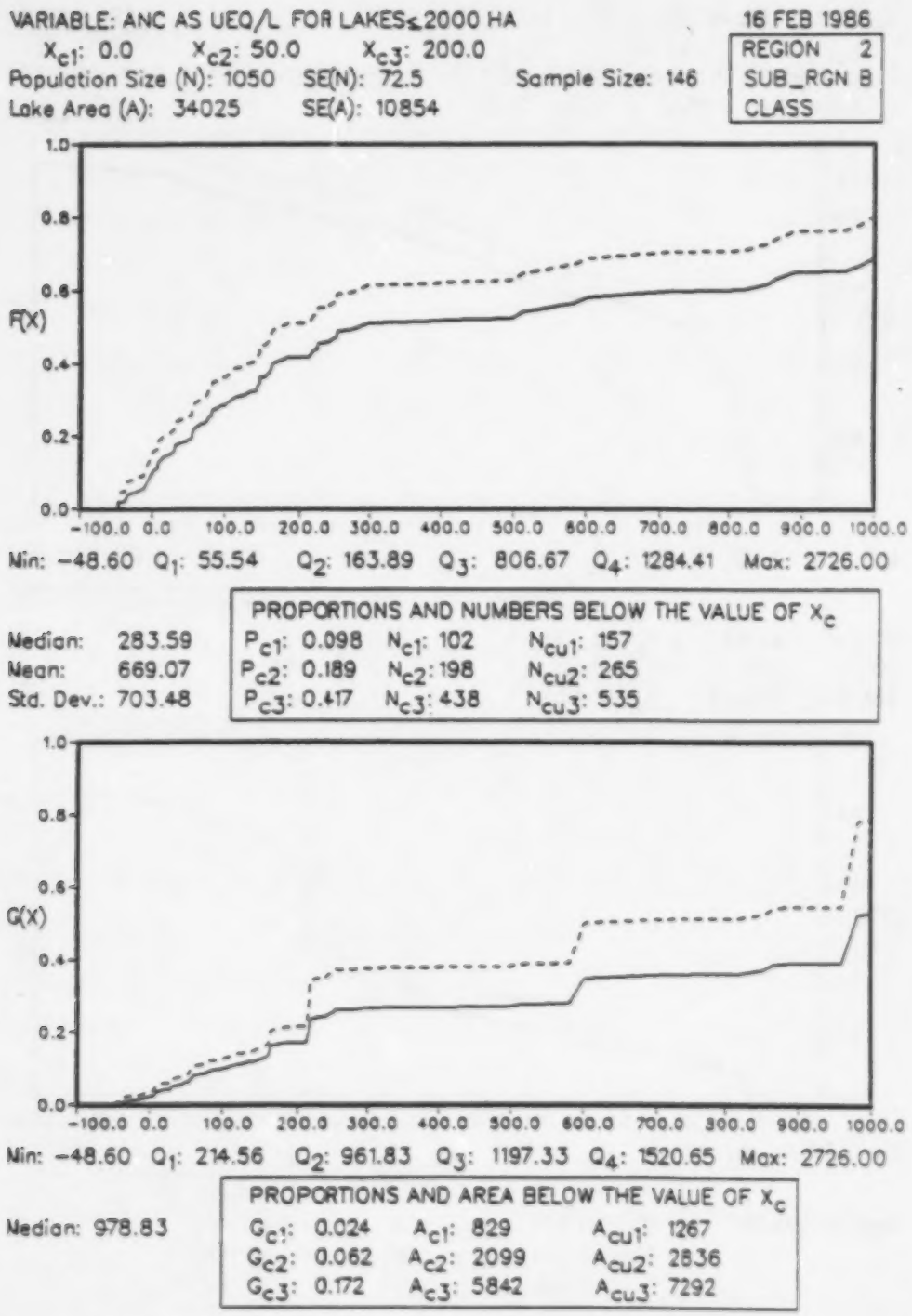


Figure 9-26. Population Estimates, Acid Neutralizing Capacity (ALKA11), Subregion 2B.

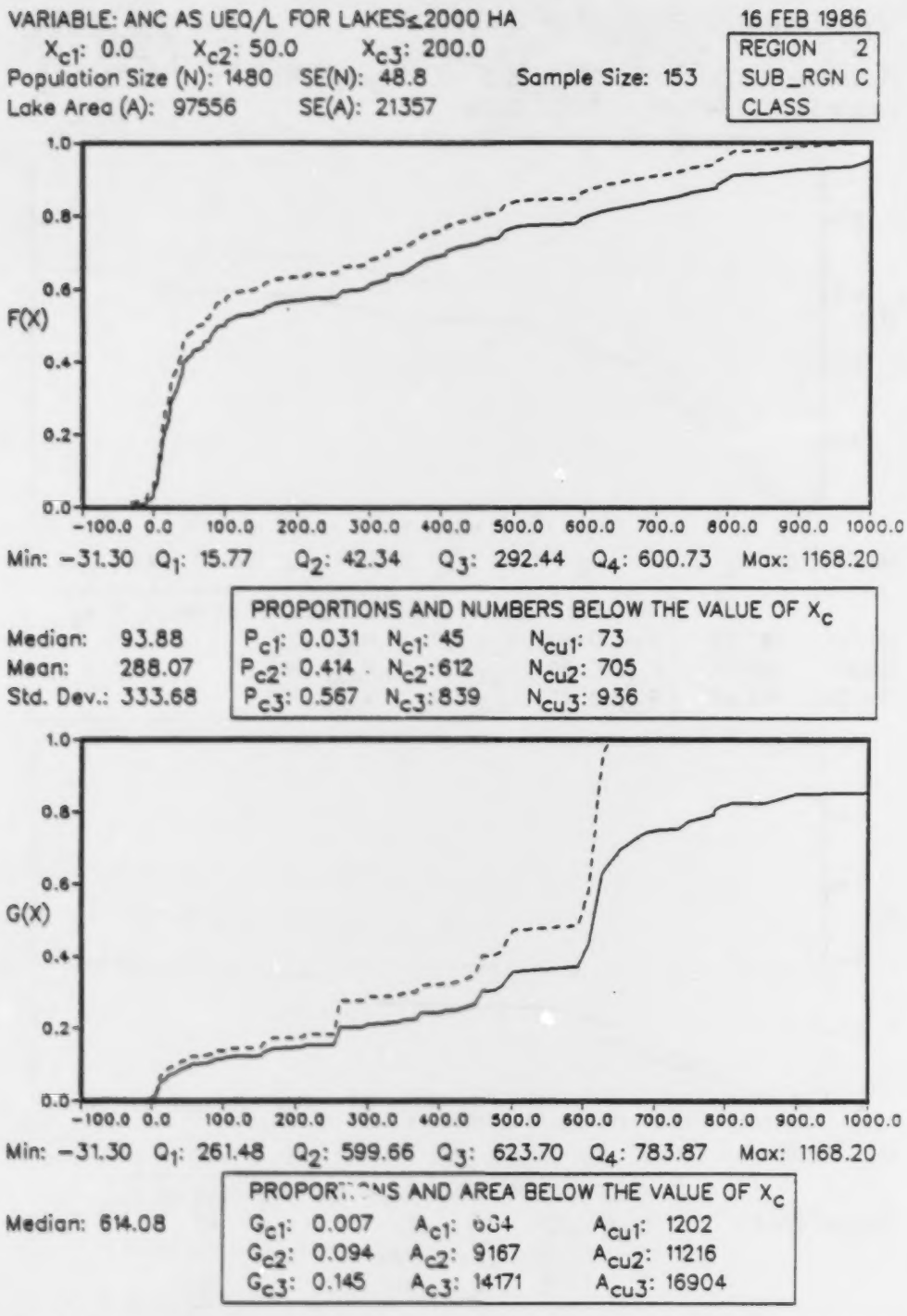


Figure 9-27. Population Estimates, Acid Neutralizing Capacity (ALKA11), Subregion 2C.

VARIABLE: ANC AS UEQ/L FOR LAKES≤2000 HA

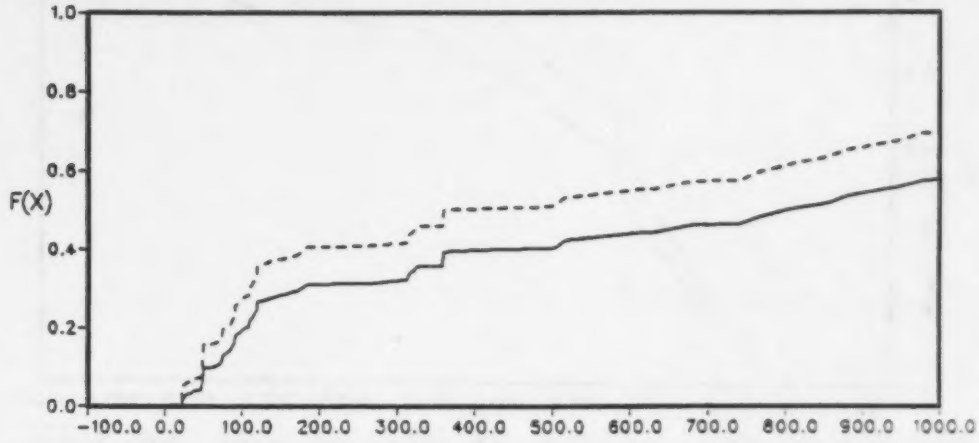
16 FEB 1986

REGION 2
SUB_RGN D
CLASS

X_{c1}: 0.0 X_{c2}: 50.0 X_{c3}: 200.0

Population Size (N): 4515 SE(N): 293.9 Sample Size: 141

Lake Area (A): 226896 SE(A): 58202

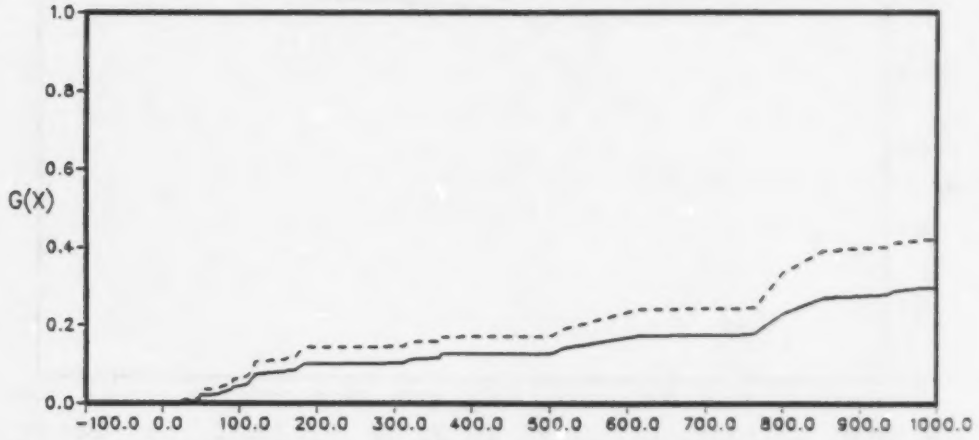


Min: 6.00 Q_1: 103.97 Q_2: 439.00 Q_3: 1139.82 Q_4: 2021.89 Max: 4002.00

Median: 801.69
Mean: 1080.17
Std. Dev.: 1015.32

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.000	N_{c1}: 0	N_{cu1}: **
P_{c2}: 0.098	N_{c2}: 441	N_{cu2}: 708
P_{c3}: 0.313	N_{c3}: 1411	N_{cu3}: 1841



Min: 6.00 Q_1: 779.67 Q_2: 1121.94 Q_3: 1892.82 Q_4: 2344.85 Max: 4002.00

Median: 1717.38

** Not Defined

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.000	A_{c1}: 0	A_{cu1}: **
G_{c2}: 0.021	A_{c2}: 4766	A_{cu2}: 7943
G_{c3}: 0.102	A_{c3}: 23083	A_{cu3}: 32461

Figure 9-28. Population Estimates, Acid Neutralizing Capacity (ALKA11), Subregion 2D.

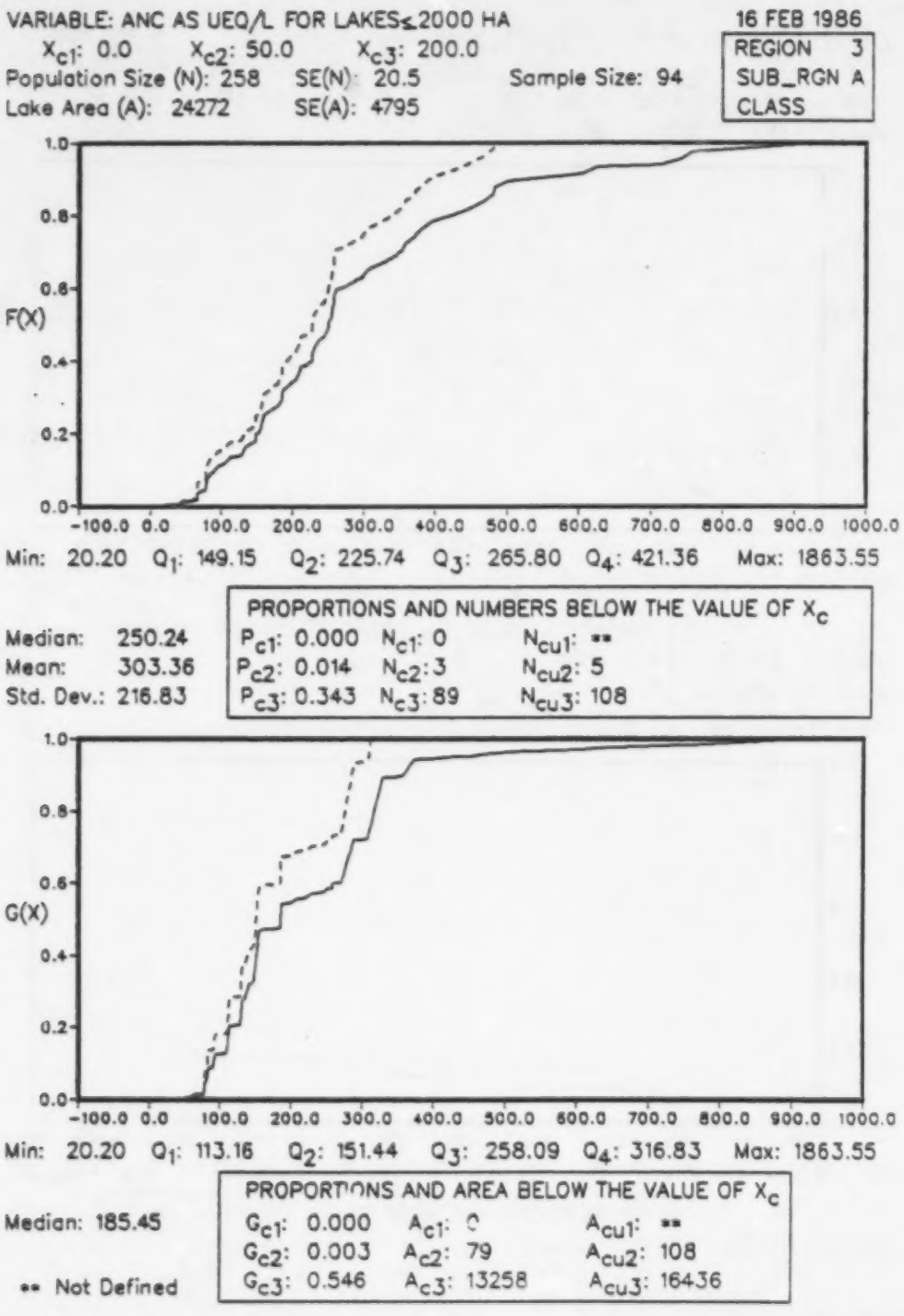


Figure 9-29. Population Estimates, Acid Neutralizing Capacity (ALKA11), Subregion 3A.

VARIABLE: ANC AS UEQ/L FOR LAKES≤2000 HA

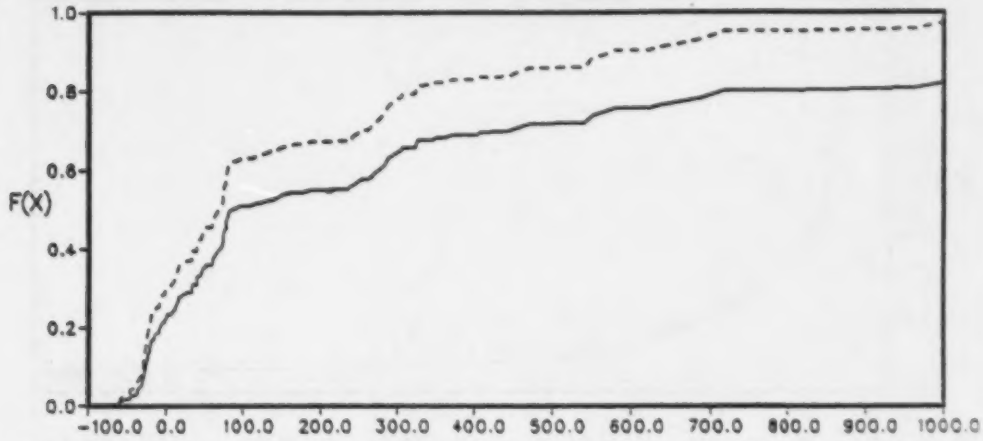
16 FEB 1986

REGION 3
SUB_RGN 8
CLASS

X_{c1}: 0.0 X_{c2}: 50.0 X_{c3}: 200.0

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148

Lake Area (A): 66169 SE(A): 10158

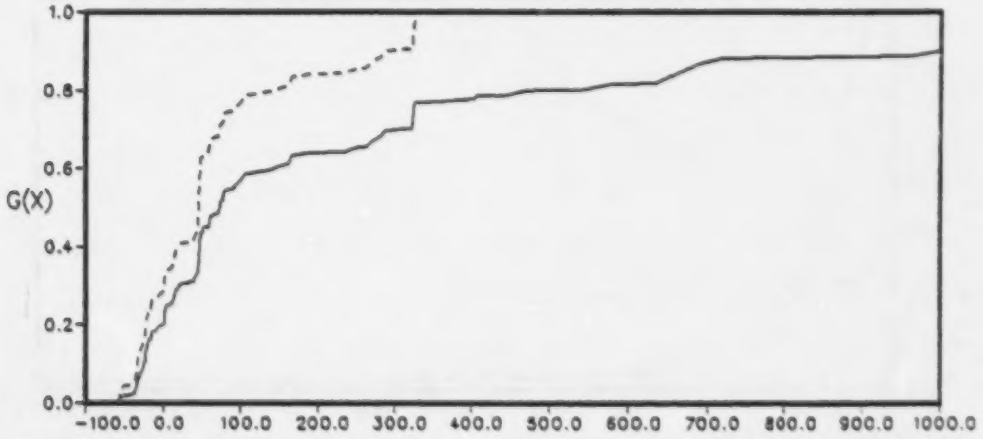


Min: −209.12 Q_1:−7.48 Q_2: 68.56 Q_3: 275.05 Q_4: 713.05 Max: 3639.76

Median: 83.51
Mean: 535.18
Std. Dev.: 871.42

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.220	N_{c1}: 463	N_{cu1}: 615
P_{c2}: 0.353	N_{c2}: 742	N_{cu2}: 942
P_{c3}: 0.551	N_{c3}: 1156	N_{cu3}: 1413



Min: −209.12 Q_1:−2.06 Q_2: 46.72 Q_3: 142.97 Q_4: 473.83 Max: 3639.76

Median: 72.21

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.202	A_{c1}: 13348	A_{cu1}: 18790
G_{c2}: 0.435	A_{c2}: 28778	A_{cu2}: 41420
G_{c3}: 0.641	A_{c3}: 42434	A_{cu3}: 55674

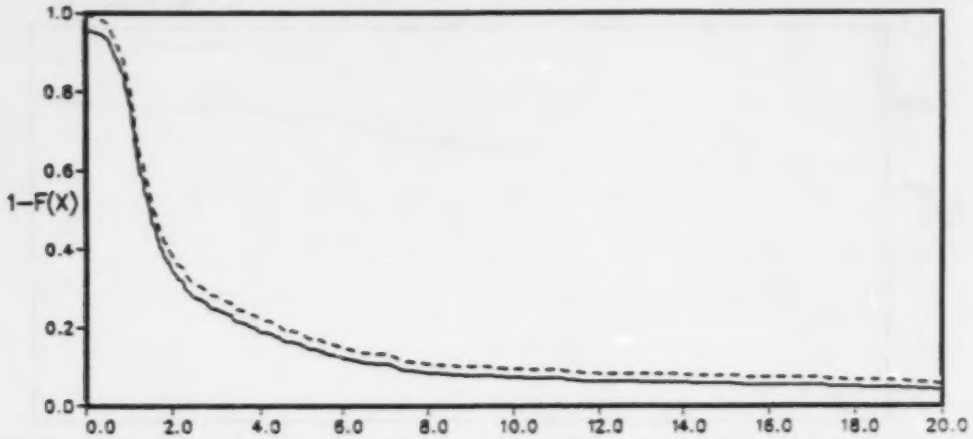
Figure 9-30. Population Estimates, Acid Neutralizing Capacity (ALKA11), Subregion 3B.

VARIABLE: AMMONIUM AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

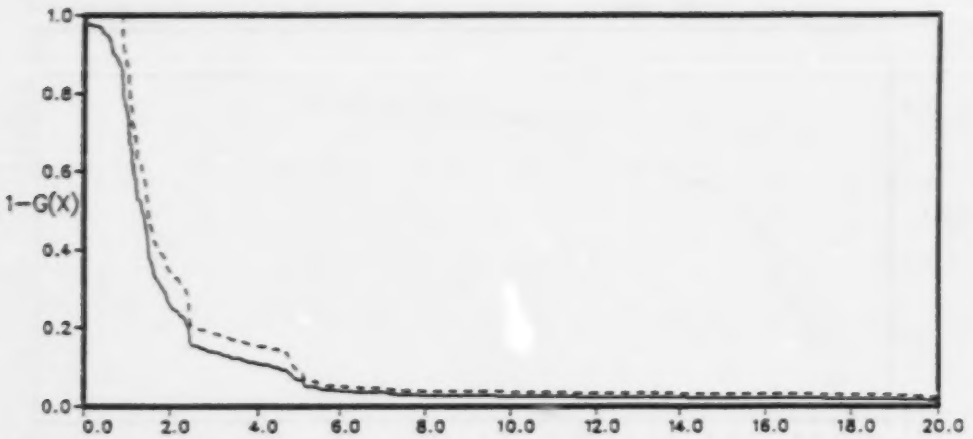
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 0.00 Q_1: 0.93 Q_2: 1.21 Q_3: 1.70 Q_4: 3.76 Max: 54.89

Median: 1.42
Mean: 3.47
Std. Dev.: 6.10



Min: 0.00 Q_1: 0.88 Q_2: 1.14 Q_3: 1.46 Q_4: 2.38 Max: 54.89

Median: 1.33

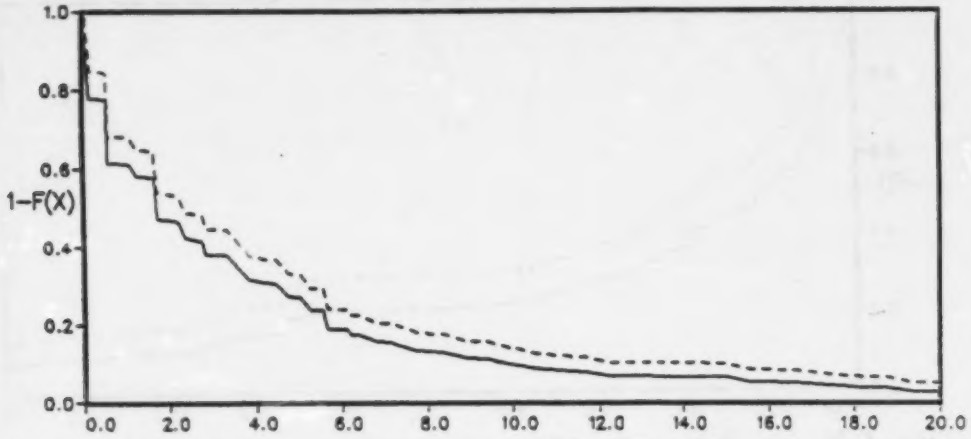
Figure 9-31. Population Estimates, Ammonium (NH4[1+]), Region 1.

VARIABLE: AMMONIUM AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

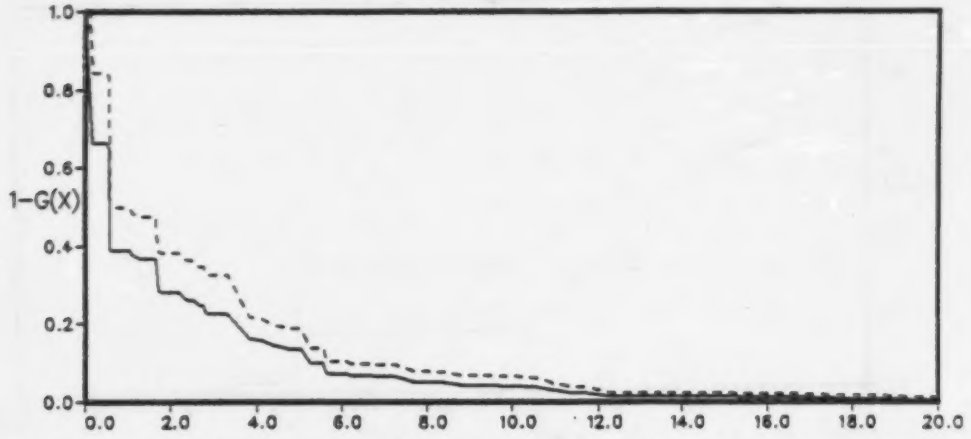
REGION 2
SUB_RGN
CLASS

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 0.00 Q_1: 0.00 Q_2: 1.07 Q_3: 2.74 Q_4: 5.53 Max: 46.01

Median: 1.65
Mean: 3.77
Std. Dev.: 5.49



Min: 0.00 Q_1: 0.00 Q_2: 0.51 Q_3: 0.55 Q_4: 3.29 Max: 46.01

Median: 0.53

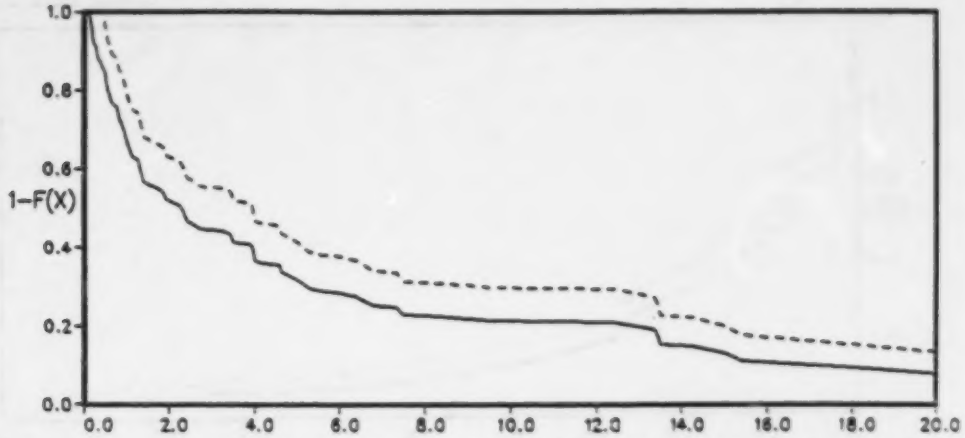
Figure 9-32. Population Estimates, Ammonium (NH4+), Region 2.

VARIABLE: AMMONIUM AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

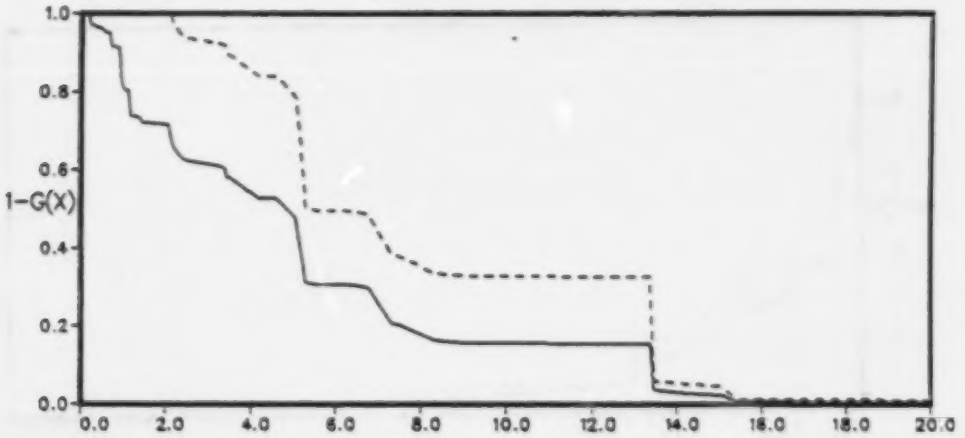
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 0.00 Q_1: 0.51 Q_2: 1.21 Q_3: 3.89 Q_4: 11.01 Max: 47.46

Median: 2.22
Mean: 5.80
Std. Dev.: 8.42



Min: 0.00 Q_1: 1.06 Q_2: 3.25 Q_3: 4.87 Q_4: 7.33 Max: 47.46

Median: 4.64

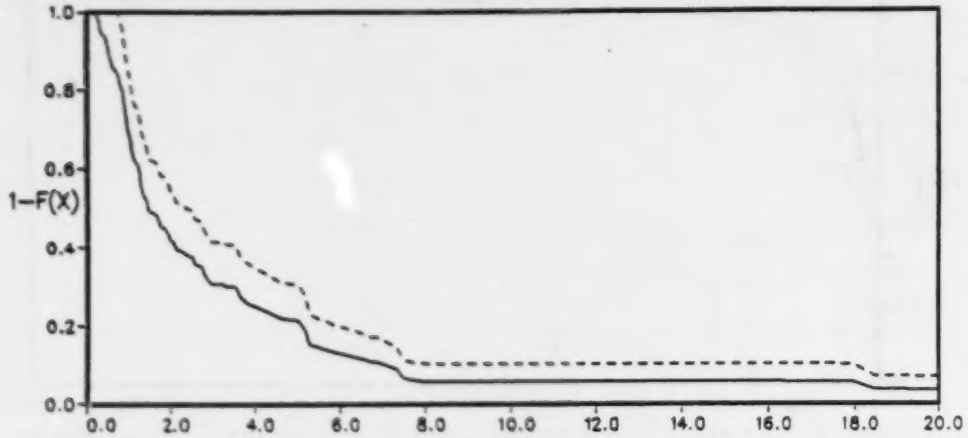
Figure 9-33. Population Estimates, Ammonium (NH4+), Subregion 3A.

VARIABLE: AMMONIUM AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

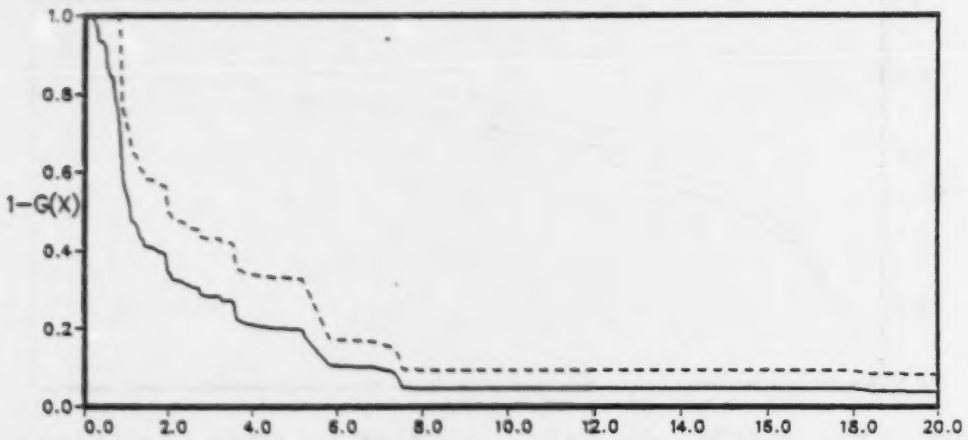
REGION 3
SUB_RGN 8
CLASS

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10158



Min: 0.05 Q_1: 0.78 Q_2: 1.12 Q_3: 2.04 Q_4: 5.01 Max: 90.37

Median: 1.41
Mean: 4.06
Std. Dev.: 9.30



Min: 0.05 Q_1: 0.65 Q_2: 0.83 Q_3: 1.69 Q_4: 4.42 Max: 90.37

Median: 1.03

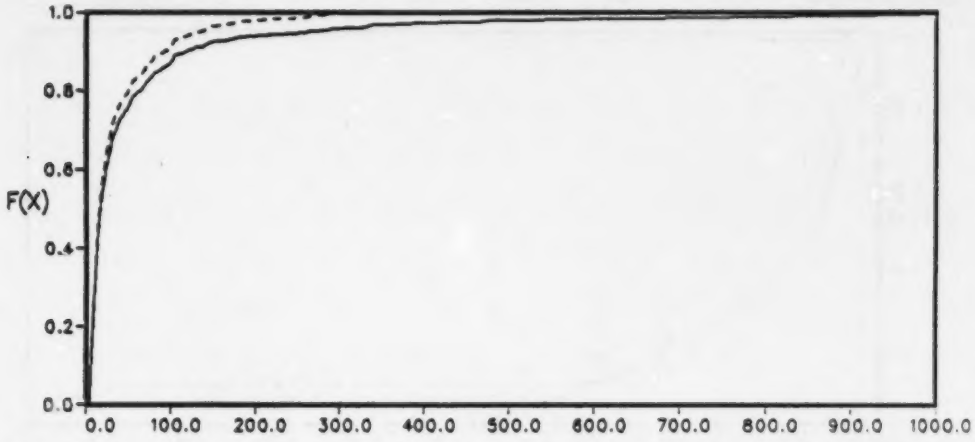
Figure 9-34. Population Estimates, Ammonium (NH416), Subregion 3B.

VARIABLE: LAKE AREA IN HA FOR LAKES ≤2000 HA

16 FEB 1986

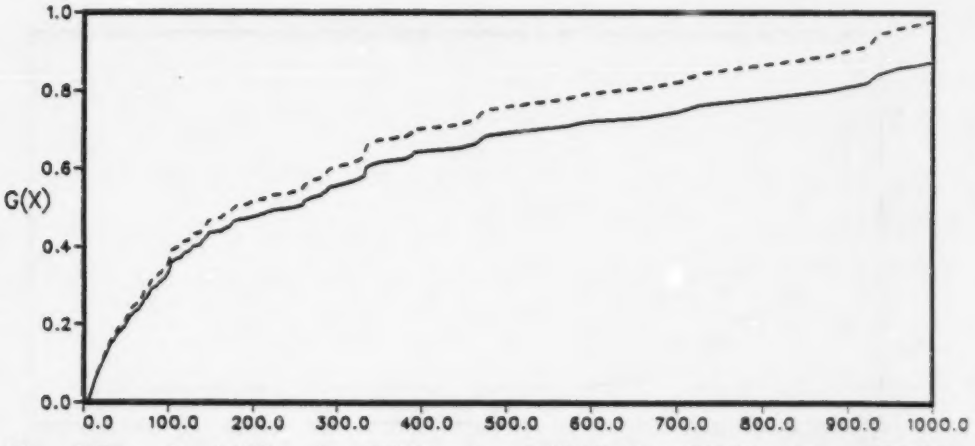
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 3.70 Q_1: 7.97 Q_2: 12.83 Q_3: 23.02 Q_4: 62.75 Max: 1768.30

Median: 16.71
Mean: 60.30
Std. Dev.: 151.03



Min: 3.70 Q_1: 49.27 Q_2: 128.64 Q_3: 333.48 Q_4: 875.56 Max: 1768.30

Median: 244.99

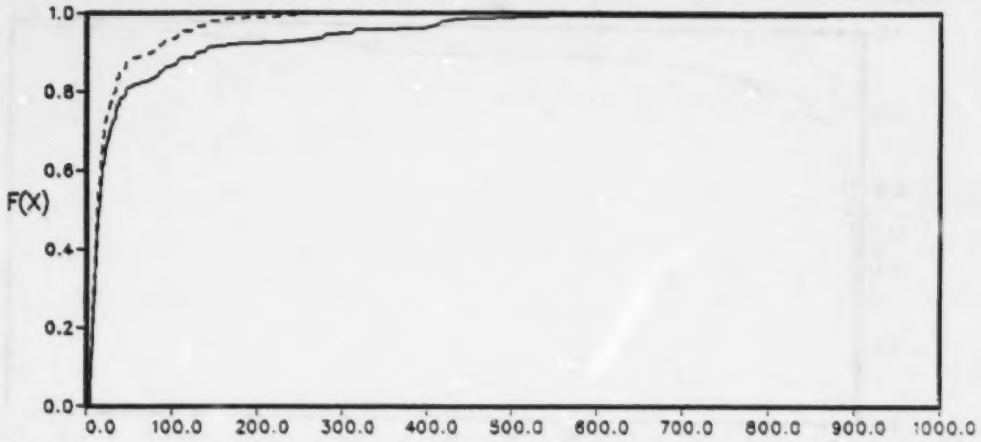
Figure 9-35. Population Estimates, Area, Lake (LAKE_SIZ), Region 1

VARIABLE: LAKE AREA IN HA FOR LAKES ≤2000 HA

16 FEB 1986

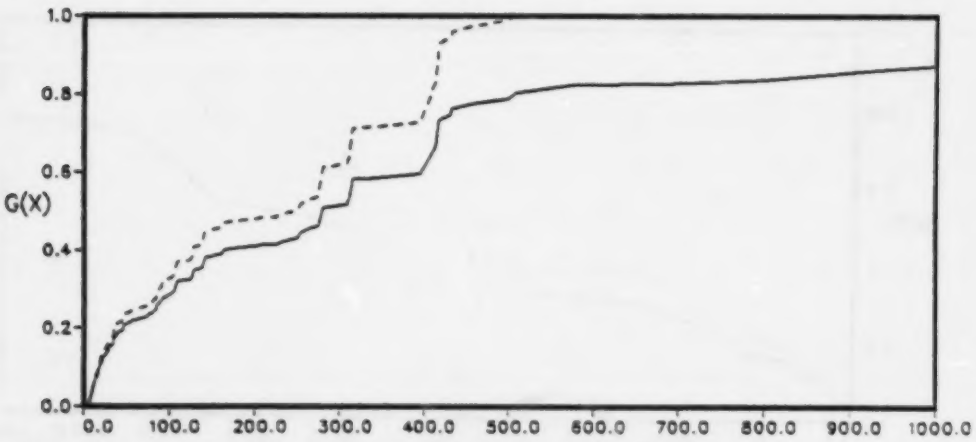
REGION 2
SUB_RGN
CLASS

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 3.80 Q_1: 7.55 Q_2: 11.61 Q_3: 19.05 Q_4: 46.07 Max: 1824.50

Median: 14.80
Mean: 58.99
Std. Dev.: 149.50



Min: 3.80 Q_1: 46.03 Q_2: 163.62 Q_3: 395.78 Q_4: 505.14 Max: 1824.50

Median: 279.03

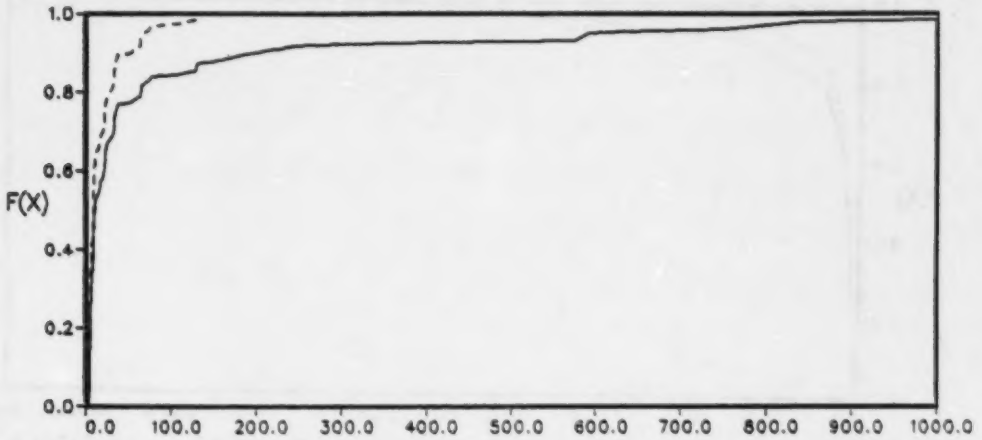
Figure 9-36. Population Estimates, Area, Lake (LAKE_SIZ), Region 2.

VARIABLE: LAKE AREA IN HA FOR LAKES ≤2000 HA

16 FEB 1986

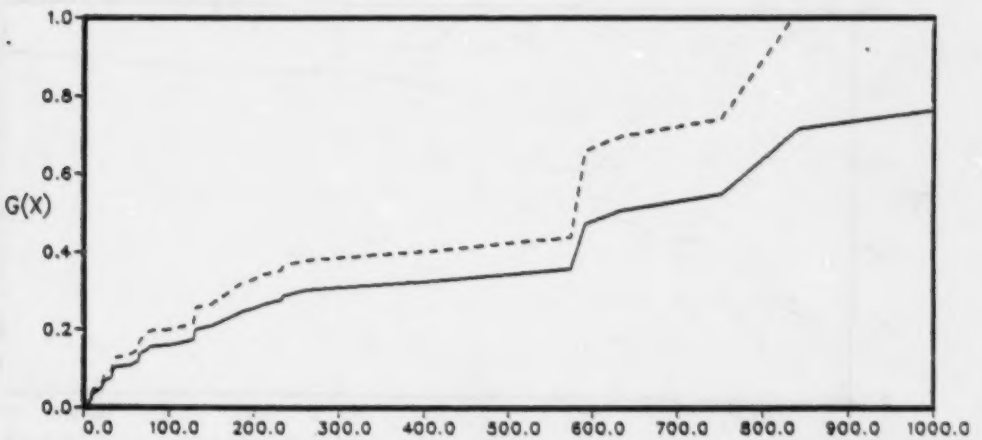
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 2.80 Q_1: 5.18 Q_2: 9.38 Q_3: 21.14 Q_4: 64.28 Max: 1649.00

Median: 10.80
Mean: 94.16
Std. Dev.: 238.25



Min: 2.80 Q_1: 129.99 Q_2: 580.19 Q_3: 778.41 Q_4: 1086.82 Max: 1649.00

Median: 621.91

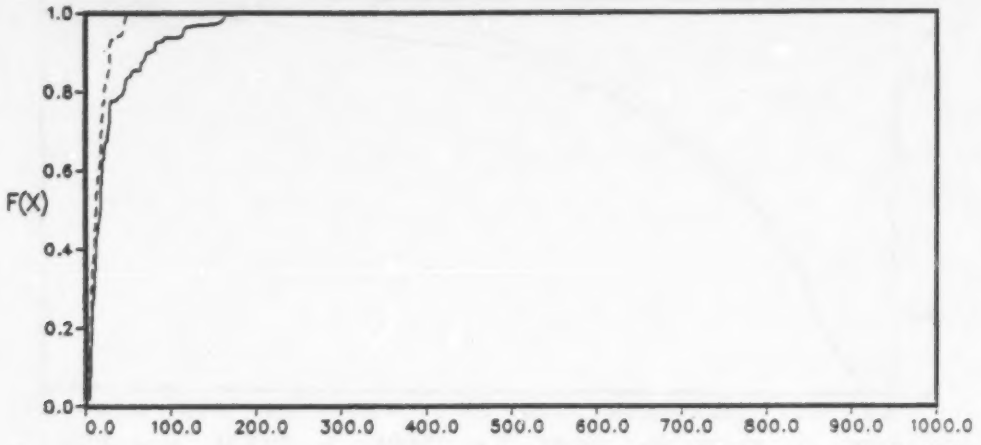
Figure 9-37. Population Estimates, Area, Lake (LAKE_SIZ), Subregion 3A.

VARIABLE: LAKE AREA IN HA FOR LAKES ≤2000 HA

16 FEB 1986

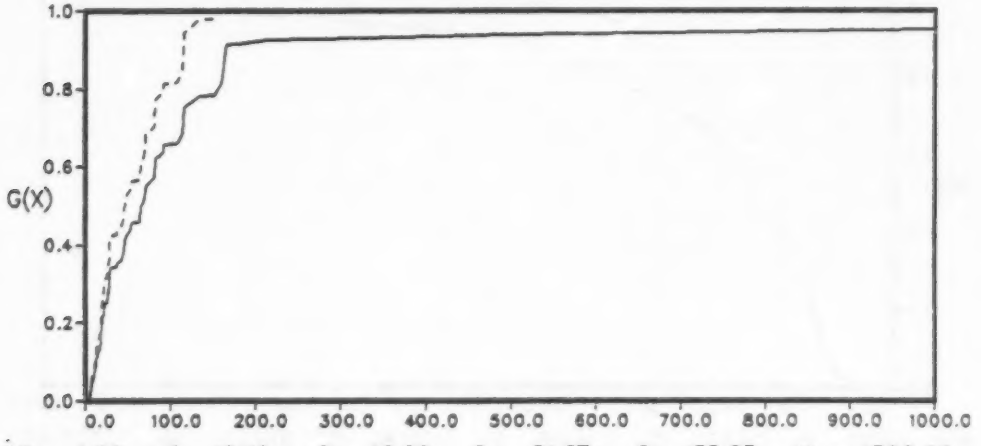
REGION 3
SUB_RGN 8
CLASS

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10158



Min: 4.00 Q_1: 6.45 Q_2: 12.51 Q_3: 19.50 Q_4: 44.13 Max: 1398.90

Median: 17.28
Mean: 31.53
Std. Dev.: 62.14



Min: 4.00 Q_1: 19.49 Q_2: 46.20 Q_3: 81.87 Q_4: 155.85 Max: 1398.90

Median: 65.62

Figure 9-38. Population Estimates, Area, Lake (LAKE_SIZ), Subregion 3B.

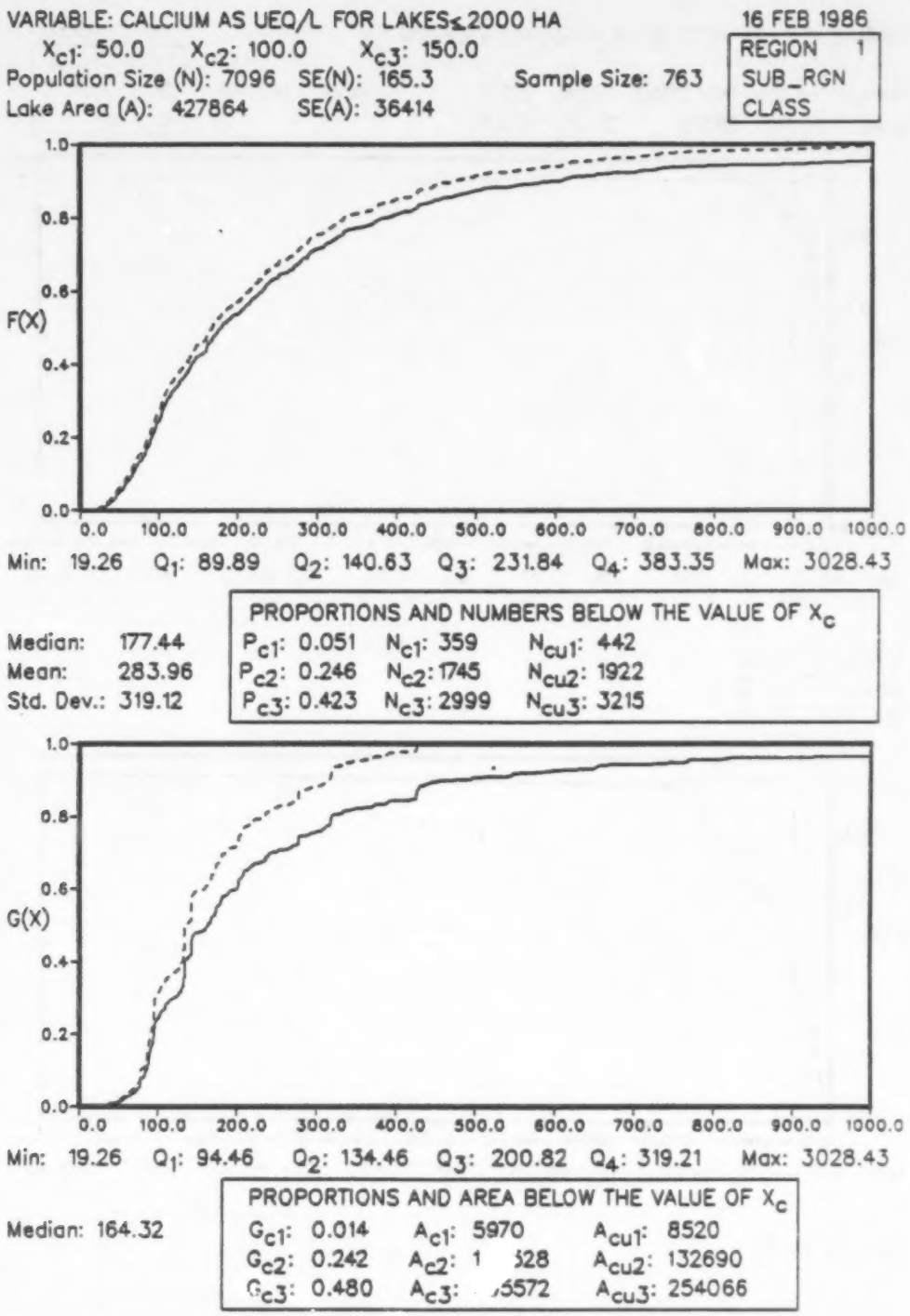


Figure 9-39. Population Estimates, Calcium (CA16), Region 1.

VARIABLE: CALCIUM AS UEQ/L FOR LAKES≤2000 HA

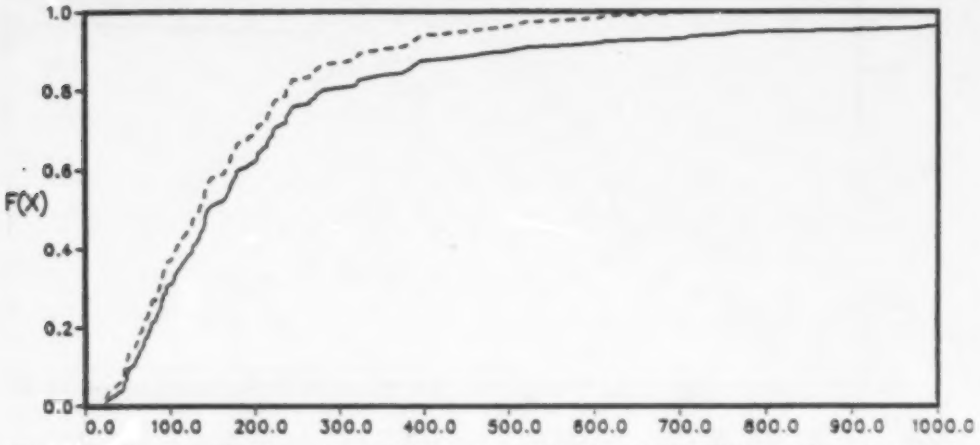
16 FEB 1986

REGION 1
SUB_RGN A
CLASS

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 1290 SE(N): 47.6 Sample Size: 155

Lake Area (A): 118776 SE(A): 22186

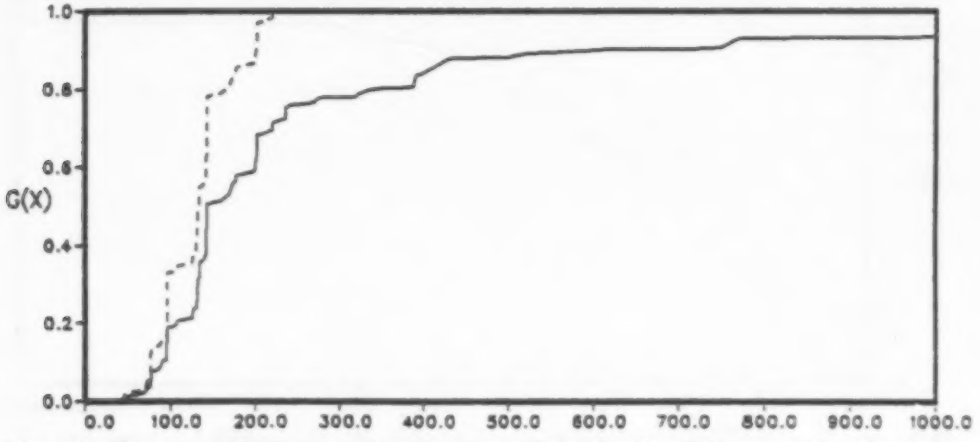


Min: 4.15 Q_1: 76.68 Q_2: 126.05 Q_3: 180.98 Q_4: 277.66 Max: 3028.43

Median: 144.53
Mean: 247.03
Std. Dev.: 329.97

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.083	N_{c1}: 108	N_{cu1}: 154
P_{c2}: 0.307	N_{c2}: 396	N_{cu2}: 474
P_{c3}: 0.511	N_{c3}: 659	N_{cu3}: 748



Min: 24.15 Q_1: 107.23 Q_2: 142.39 Q_3: 200.37 Q_4: 336.89 Max: 3028.43

Median: 143.13

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.014	A_{c1}: 1618	A_{cu1}: 2579
G_{c2}: 0.190	A_{c2}: 22522	A_{cu2}: 39266
G_{c3}: 0.512	A_{c3}: 60784	A_{cu3}: 93486

Figure 9-40. Population Estimates, Calcium (CA16), Subregion 1A.

VARIABLE: CALCIUM AS UEQ/L FOR LAKES≤2000 HA

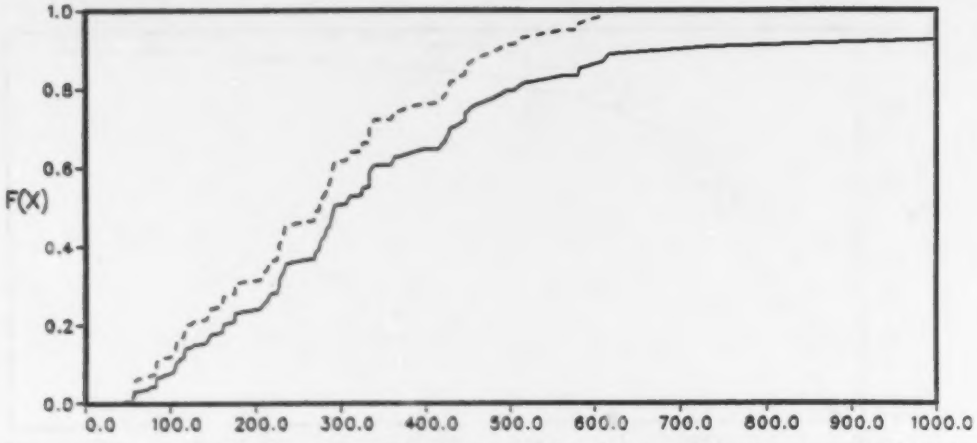
16 FEB 1986

REGION 1
SUB_RGN 8
CLASS

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 1479 SE(N): 92.9 Sample Size: 143

Lake Area (A): 26872 SE(A): 2913

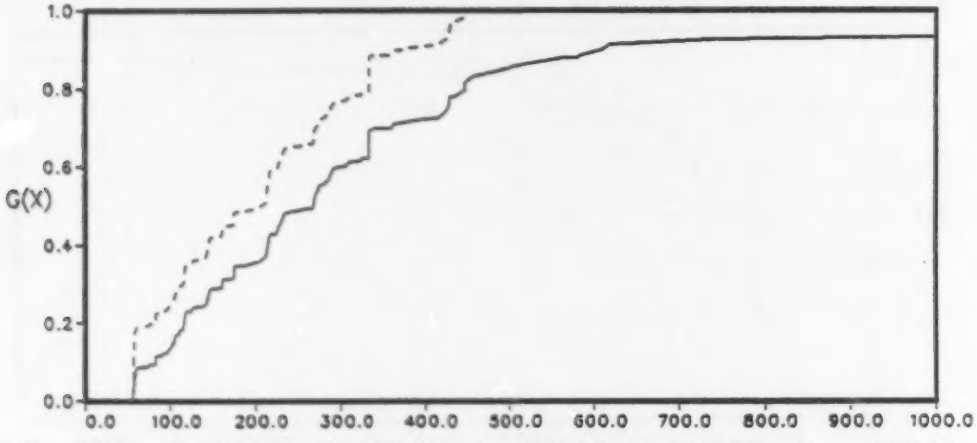


Min: 38.92 Q_1: 161.16 Q_2: 273.93 Q_3: 337.48 Q_4: 505.60 Max: 1383.23

Median: 291.37
Mean: 393.99
Std. Dev.: 316.42

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.004	N_{c1}: 6	N_{cu1}: 11
P_{c2}: 0.077	N_{c2}: 114	N_{cu2}: 178
P_{c3}: 0.177	N_{c3}: 262	N_{cu3}: 359



Min: 38.92 Q_1: 115.90 Q_2: 214.30 Q_3: 296.29 Q_4: 445.68 Max: 1383.23

Median: 268.01

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.003	A_{c1}: 93	A_{cu1}: 154
G_{c2}: 0.131	A_{c2}: 3515	A_{cu2}: 6458
G_{c3}: 0.287	A_{c3}: 7716	A_{cu3}: 11292

Figure 9-41. Population Estimates, Calcium (CA16), Subregion 1B.

VARIABLE: CALCIUM AS UEQ/L FOR LAKES≤2000 HA

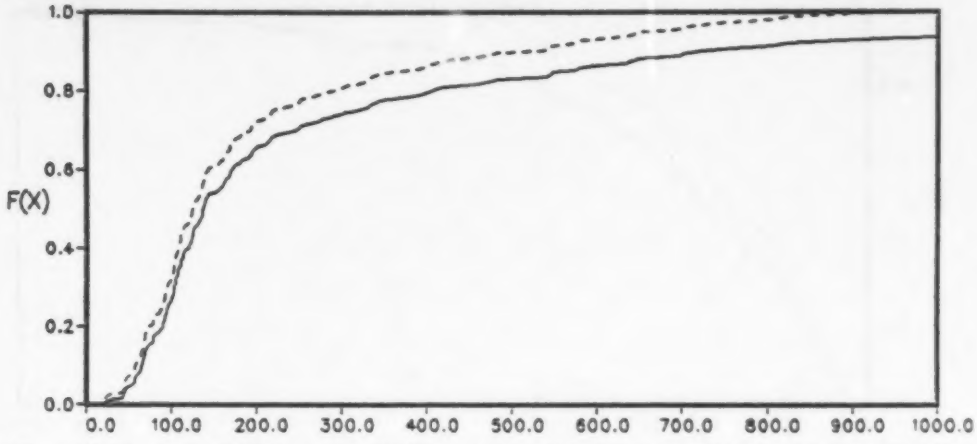
16 FEB 1986

REGION 1
SUB_RGN C
CLASS

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 1483 SE(N): 57.5 Sample Size: 163

Lake Area (A): 72412 SE(A): 12013

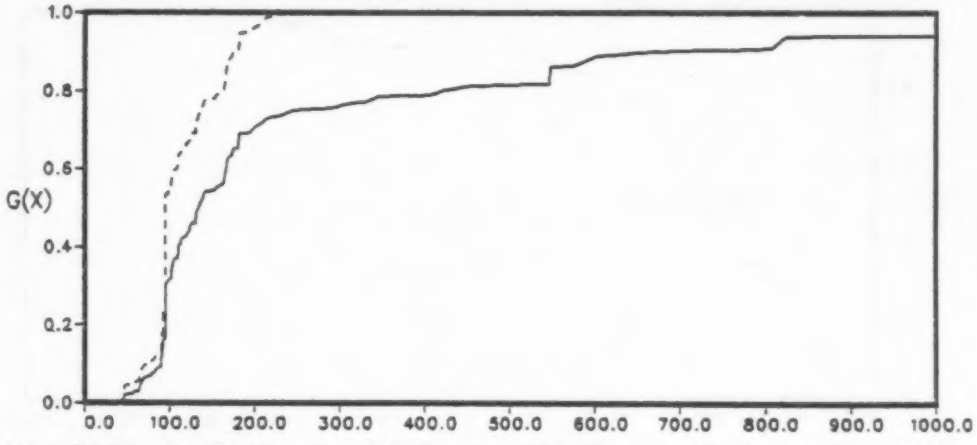


Min: 22.25 Q_1: 89.86 Q_2: 119.16 Q_3: 171.69 Q_4: 403.59 Max: 2526.94

Median: 136.80
Mean: 308.75
Std. Dev.: 419.54

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.042	N_{c1}: 63	N_{cu1}: 100
P_{c2}: 0.272	N_{c2}: 404	N_{cu2}: 487
P_{c3}: 0.537	N_{c3}: 797	N_{cu3}: 894



Min: 22.25 Q_1: 94.42 Q_2: 110.19 Q_3: 166.35 Q_4: 417.48 Max: 2526.94

Median: 134.23

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.021	A_{c1}: 1534	A_{cu1}: 3225
G_{c2}: 0.318	A_{c2}: 23056	A_{cu2}: 39516
G_{c3}: 0.543	A_{c3}: 39344	A_{cu3}: 56408

Figure 9-42. Population Estimates, Calcium (CA16), Subregion 1C.

VARIABLE: CALCIUM AS UEQ/L FOR LAKES≤2000 HA

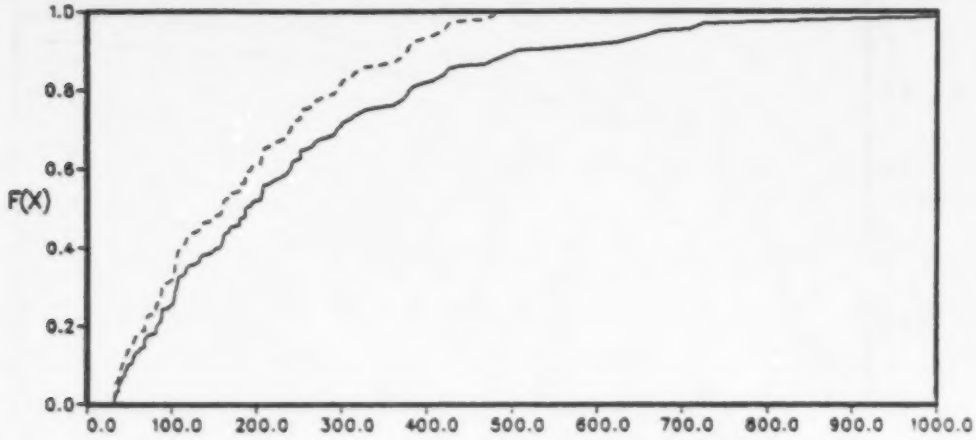
16 FEB 1986

REGION 1
SUB_RGN D
CLASS

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 1318 SE(N): 93.7 Sample Size: 126

Lake Area (A): 36403 SE(A): 4381

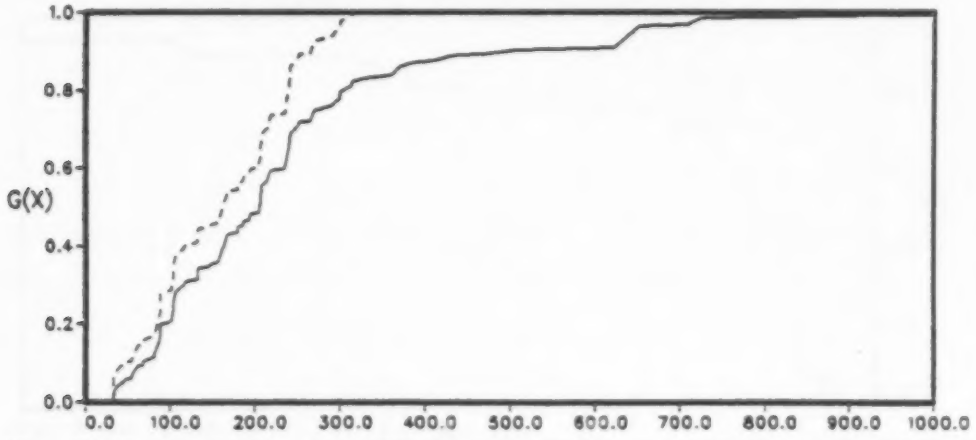


Min: 31.99 Q_1: 82.50 Q_2: 152.51 Q_3: 239.12 Q_4: 378.89 Max: 1463.57

Median: 186.79
Mean: 257.91
Std. Dev.: 241.29

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.101	N_{c1}: 133	N_{cu1}: 183
P_{c2}: 0.252	N_{c2}: 332	N_{cu2}: 418
P_{c3}: 0.393	N_{c3}: 518	N_{cu3}: 625



Min: 31.99 Q_1: 91.62 Q_2: 163.48 Q_3: 235.37 Q_4: 303.47 Max: 1463.57

Median: 205.05

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.059	A_{c1}: 2164	A_{cu1}: 3763
G_{c2}: 0.205	A_{c2}: 7460	A_{cu2}: 10366
G_{c3}: 0.354	A_{c3}: 12882	A_{cu3}: 16548

Figure 9-43. Population Estimates, Calcium (CA16), Subregion 1D.

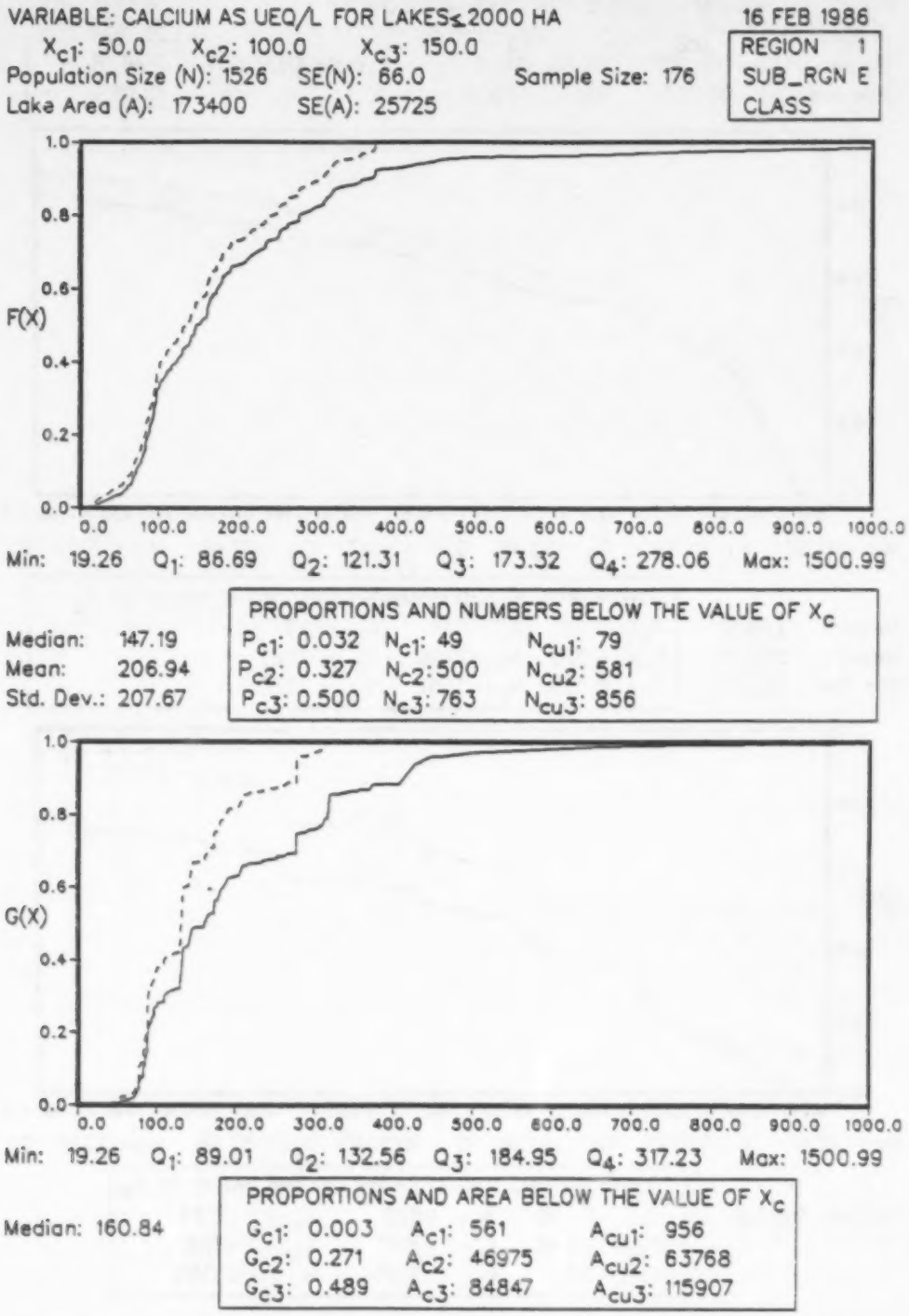


Figure 9-44. Population Estimates, Calcium (CA18), Subregion 1E.

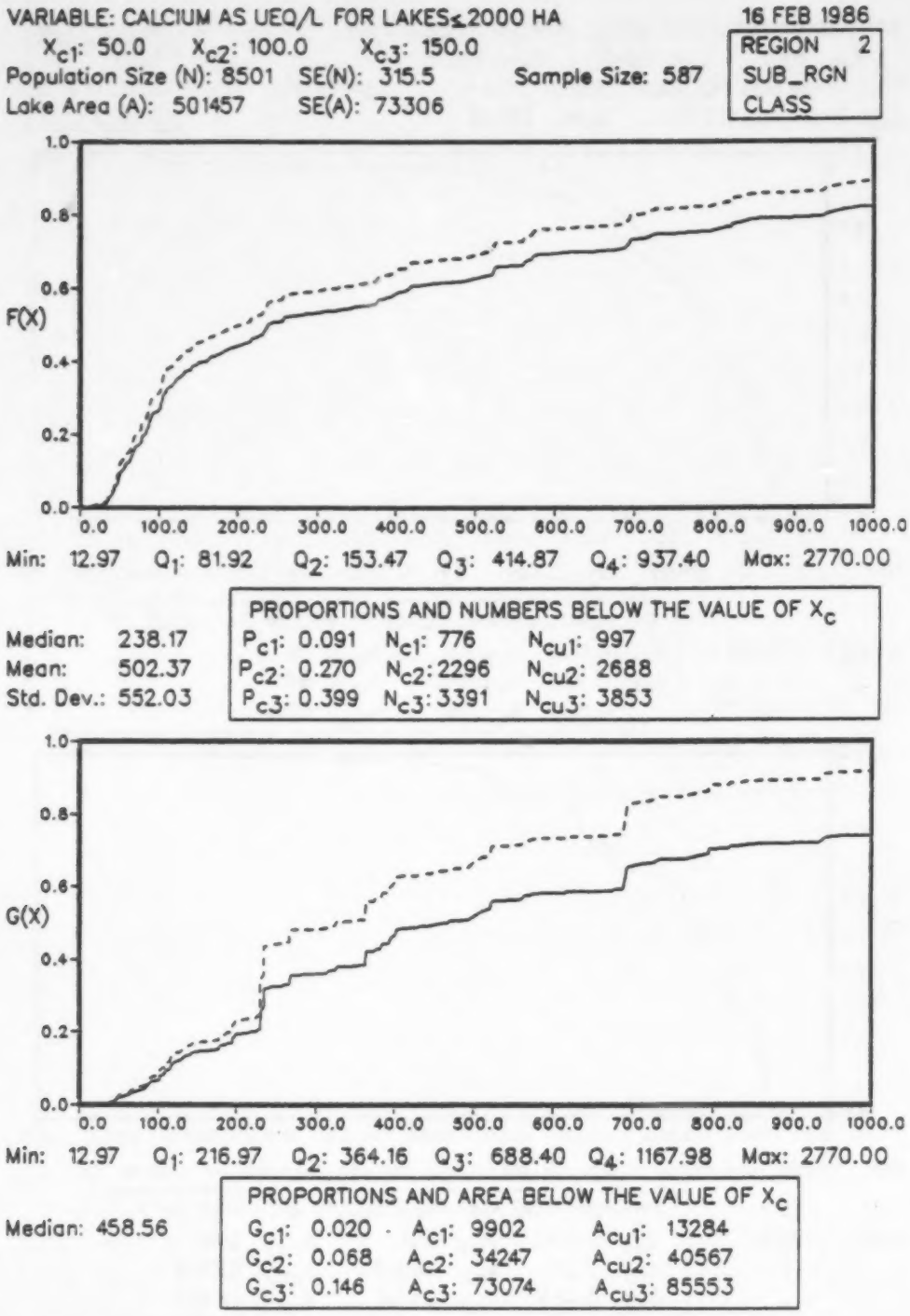


Figure 9-45. Population Estimates, Calcium (CA16), Region 2.

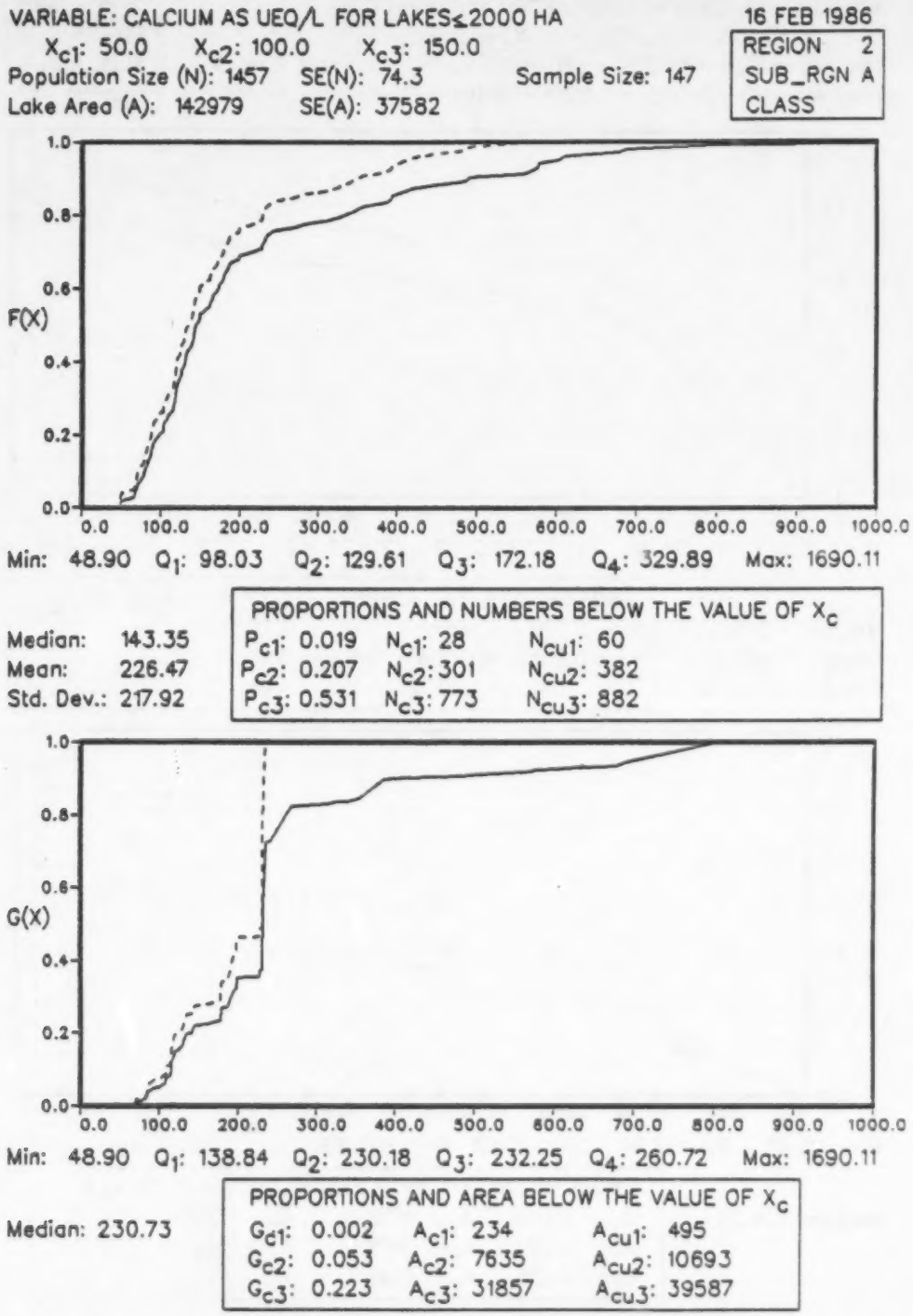


Figure 9-48. Population Estimates, Calcium (CA16), Subregion 2A.

VARIABLE: CALCIUM AS UEQ/L FOR LAKES≤2000 HA

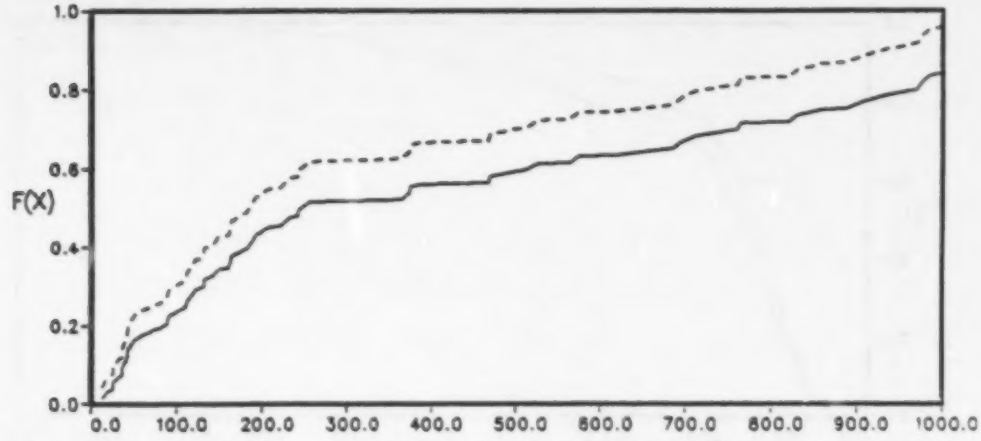
16 FEB 1986

REGION 2
SUB_RGN 8
CLASS

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 1050 SE(N): 72.5 Sample Size: 146

Lake Area (A): 34025 SE(A): 10854

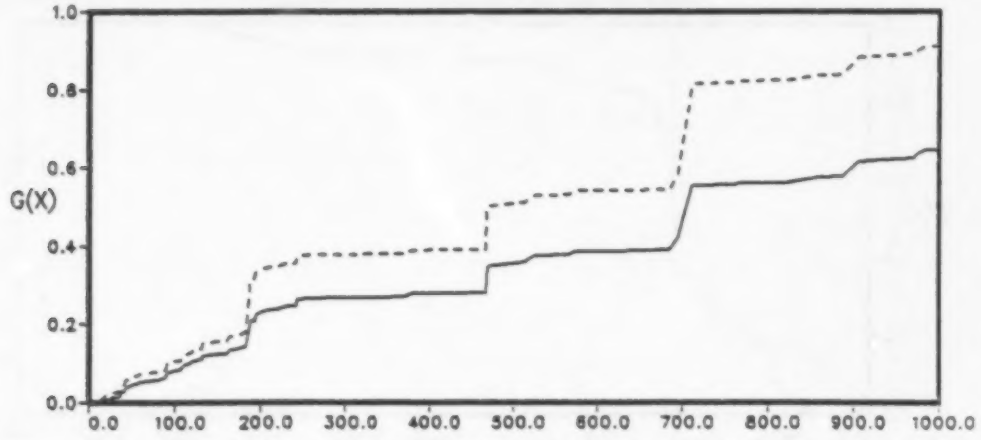


Min: 12.97 Q_1: 84.36 Q_2: 182.50 Q_3: 516.22 Q_4: 967.52 Max: 1826.34

Median: 246.31
Mean: 492.15
Std. Dev.: 458.96

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.160	N_{c1}: 168	N_{cu1}: 235
P_{c2}: 0.235	N_{c2}: 247	N_{cu2}: 319
P_{c3}: 0.345	N_{c3}: 362	N_{cu3}: 449



Min: 12.97 Q_1: 187.34 Q_2: 687.53 Q_3: 897.83 Q_4: 1091.22 Max: 1826.34

Median: 704.35

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.044	A_{c1}: 1496	A_{cu1}: 2177
G_{c2}: 0.081	A_{c2}: 2770	A_{cu2}: 3597
G_{c3}: 0.125	A_{c3}: 4249	A_{cu3}: 5301

Figure 9-47. Population Estimates, Calcium (CA16), Subregion 2B.

VARIABLE: CALCIUM AS UEQ/L FOR LAKES≤2000 HA

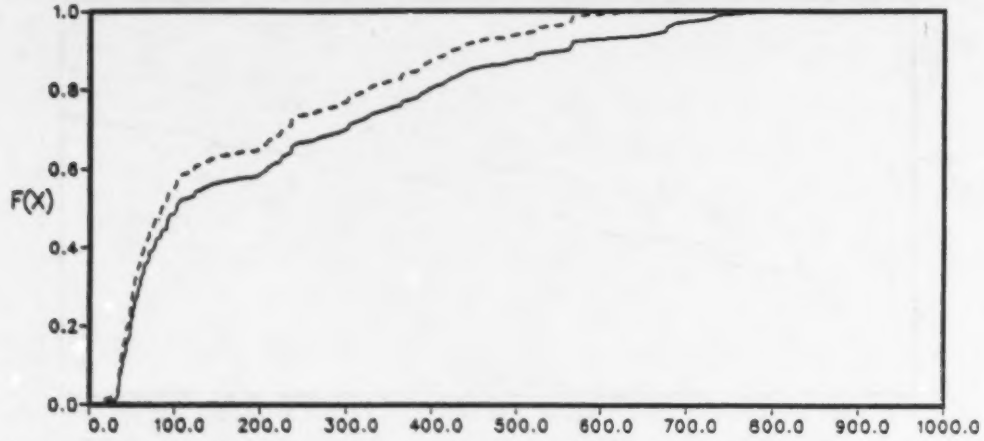
16 FEB 1986

REGION 2
SUB_RGN C
CLASS

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 1480 SE(N): 48.8 Sample Size: 153

Lake Area (A): 97556 SE(A): 21357

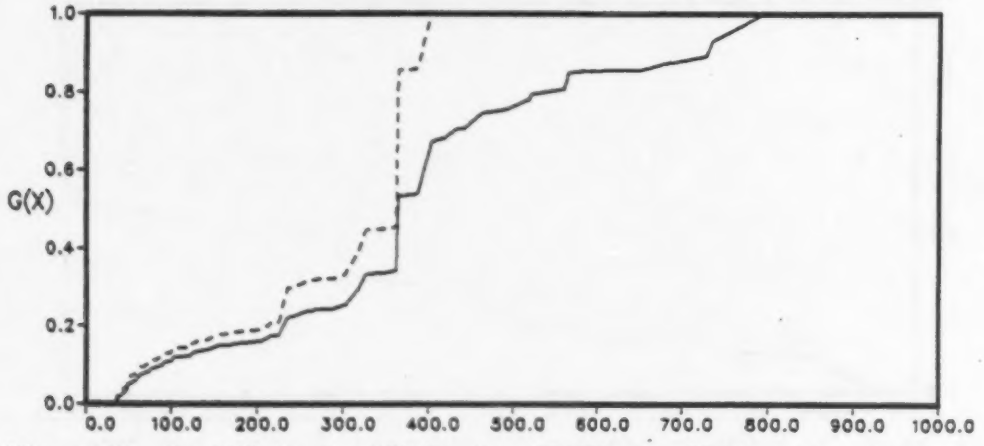


Min: 17.46 Q_1: 48.48 Q_2: 74.23 Q_3: 206.68 Q_4: 394.21 Max: 794.41

Median: 101.12
Mean: 215.69
Std. Dev.: 206.74

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.219	N_{c1}: 324	N_{cu1}: 400
P_{c2}: 0.490	N_{c2}: 726	N_{cu2}: 818
P_{c3}: 0.563	N_{c3}: 833	N_{cu3}: 930



Min: 17.46 Q_1: 230.47 Q_2: 363.02 Q_3: 394.76 Q_4: 536.19 Max: 794.41

Median: 364.32

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.047	A_{c1}: 4608	A_{cu1}: 6211
G_{c2}: 0.110	A_{c2}: 10750	A_{cu2}: 12798
G_{c3}: 0.142	A_{c3}: 13819	A_{cu3}: 16451

Figure 9-48. Population Estimates, Calcium (CA16), Subregion 2C.

VARIABLE: CALCIUM AS UEQ/L FOR LAKES≤2000 HA

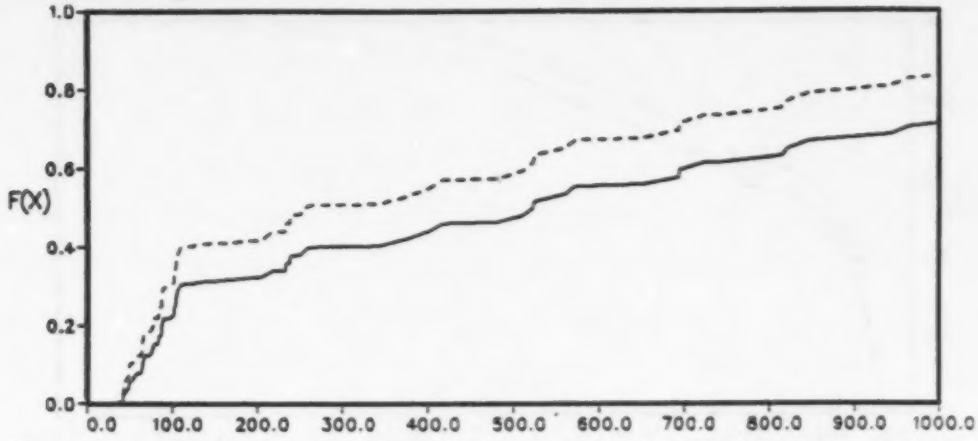
16 FEB 1986

REGION 2
SUB_RGN D
CLASS

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 4515 SE(N): 293.9 Sample Size: 141

Lake Area (A): 226896 SE(A): 58202

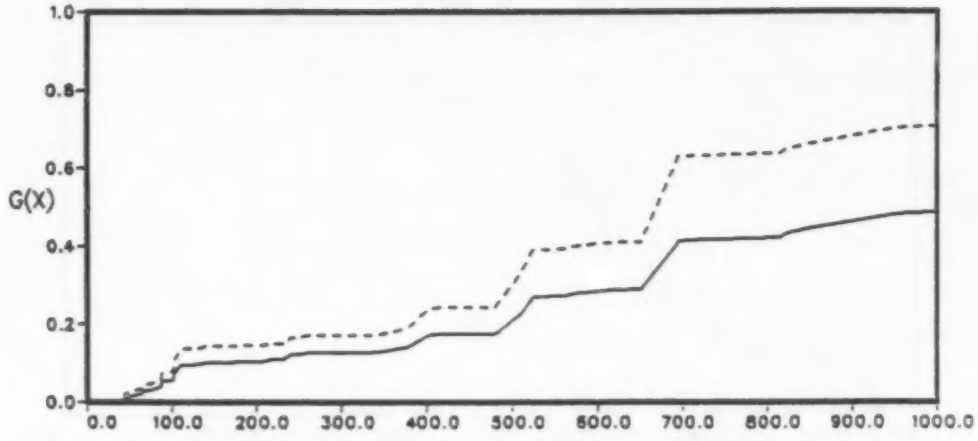


Min: 28.44 Q_1: 87.52 Q_2: 258.25 Q_3: 701.19 Q_4: 1189.47 Max: 2770.00

Median: 522.47
Mean: 687.76
Std. Dev.: 640.02

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.057	N_{c1}: 256	N_{cu1}: 450
P_{c2}: 0.226	N_{c2}: 1021	N_{cu2}: 1387
P_{c3}: 0.315	N_{c3}: 1422	N_{cu3}: 1852



Min: 28.44 Q_1: 493.35 Q_2: 691.83 Q_3: 1173.65 Q_4: 1450.71 Max: 2770.00

Median: 1068.43

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.016	A_{c1}: 3564	A_{cu1}: 6451
G_{c2}: 0.058	A_{c2}: 13093	A_{cu2}: 18163
G_{c3}: 0.102	A_{c3}: 23148	A_{cu3}: 32526

Figure 9-49. Population Estimates, Calcium (CA16), Subregion 2D.

VARIABLE: CALCIUM AS UEQ/L FOR LAKES≤2000 HA

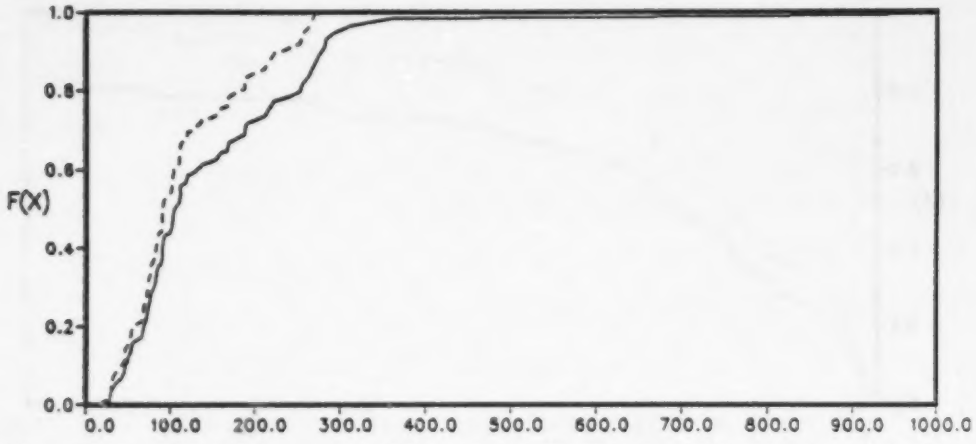
16 FEB 1986

REGION 3
SUB_RGN A
CLASS

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 258 SE(N): 20.5 Sample Size: 94

Lake Area (A): 24272 SE(A): 4795

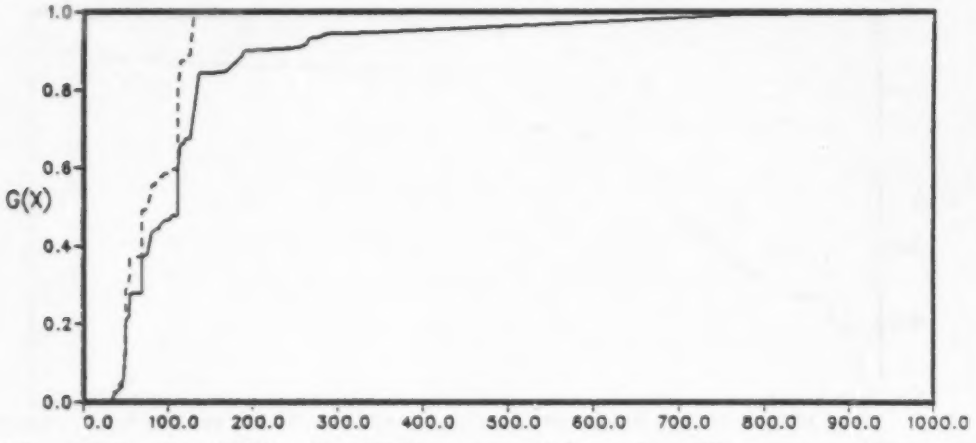


Min: 16.47 Q_1: 68.56 Q_2: 90.26 Q_3: 130.23 Q_4: 252.62 Max: 1545.40

Median: 104.69
Mean: 156.32
Std. Dev.: 158.64

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.120	N_{c1}: 31	N_{cu1}: 42
P_{c2}: 0.442	N_{c2}: 114	N_{cu2}: 138
P_{c3}: 0.620	N_{c3}: 160	N_{cu3}: 188



Min: 16.47 Q_1: 49.88 Q_2: 77.50 Q_3: 111.36 Q_4: 133.41 Max: 1545.40

Median: 110.86

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.203	A_{c1}: 4927	A_{cu1}: 6858
G_{c2}: 0.467	A_{c2}: 11330	A_{cu2}: 14216
G_{c3}: 0.844	A_{c3}: 20474	A_{cu3}: 28265

Figure 9-50. Population Estimates, Calcium (CA16), Subregion 3A.

VARIABLE: CALCIUM AS UEQ/L FOR LAKES≤2000 HA

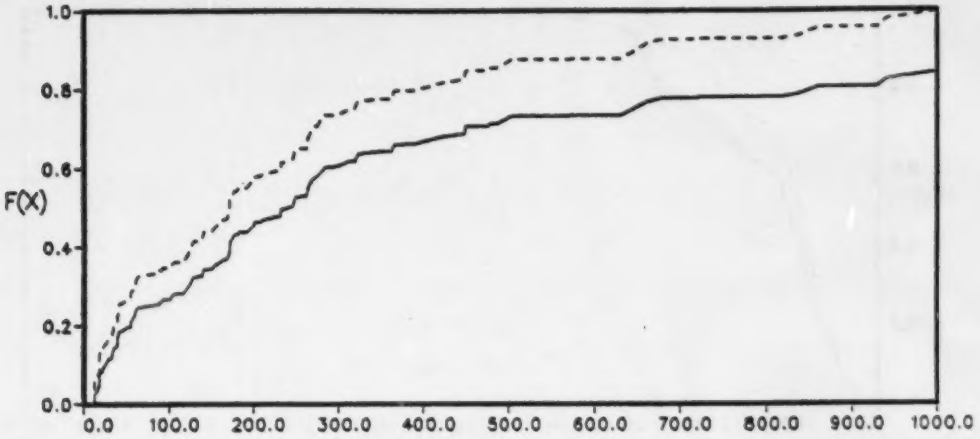
16 FEB 1986

REGION 3
SUB_RGN 8
CLASS

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148

Lake Area (A): 66169 SE(A): 10158

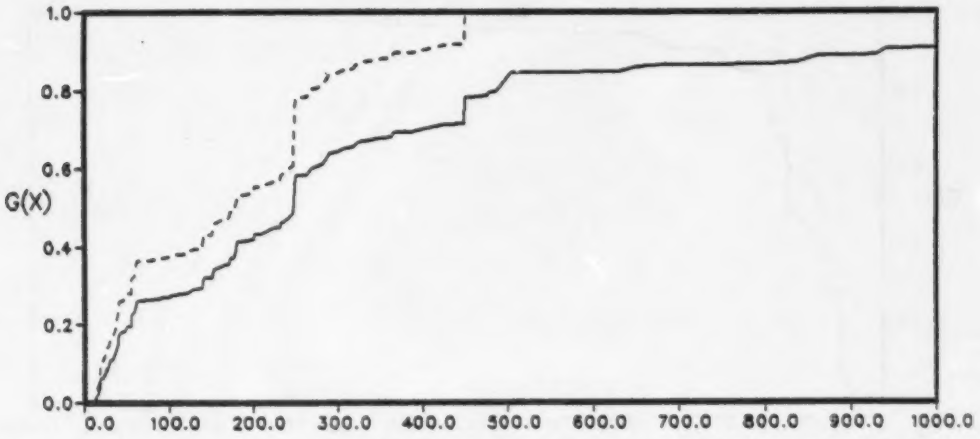


Min: 9.33 Q_1: 54.19 Q_2: 171.74 Q_3: 282.86 Q_4: 852.86 Max: 3040.91

Median: 238.32
Mean: 532.67
Std. Dev.: 743.82

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.192	N_{c1}: 402	N_{cu1}: 551
P_{c2}: 0.268	N_{c2}: 563	N_{cu2}: 731
P_{c3}: 0.344	N_{c3}: 722	N_{cu3}: 923



Min: 9.33 Q_1: 54.11 Q_2: 180.02 Q_3: 267.92 Q_4: 486.50 Max: 3040.91

Median: 246.77

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.186	A_{c1}: 12289	A_{cu1}: 17763
G_{c2}: 0.273	A_{c2}: 18059	A_{cu2}: 24864
G_{c3}: 0.320	A_{c3}: 21202	A_{cu3}: 28586

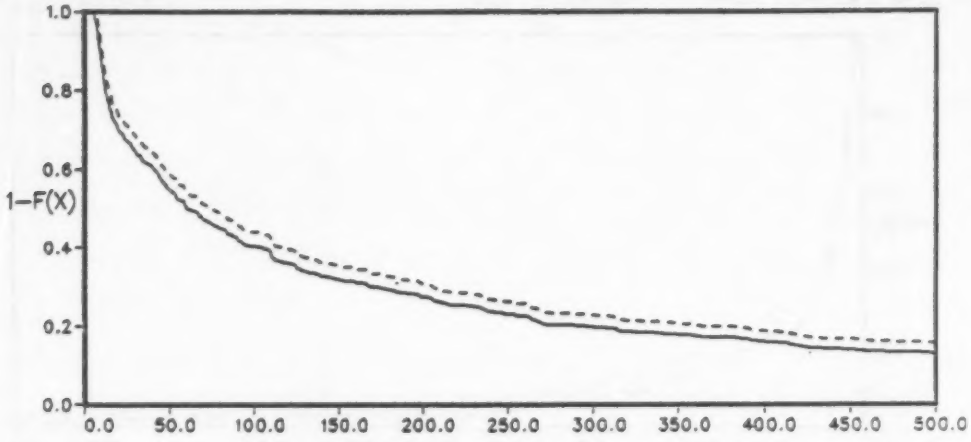
Figure 9-51. Population Estimates, Calcium (CA16), Subregion 3B.

VARIABLE: CHLORIDE AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

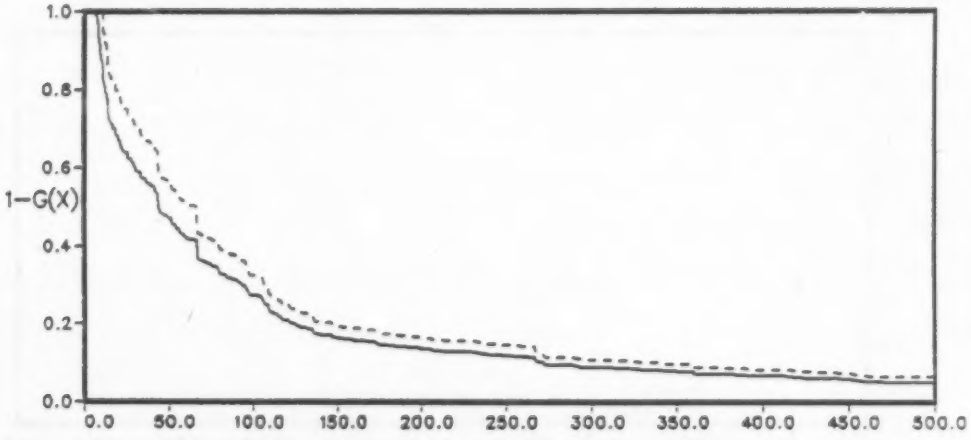
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 4.25 Q_1: 12.13 Q_2: 40.08 Q_3: 104.35 Q_4: 293.58 Max: 2501.32

Median: 59.60
Mean: 205.75
Std. Dev.: 349.22



Min: 4.25 Q_1: 12.13 Q_2: 29.76 Q_3: 65.94 Q_4: 122.42 Max: 2501.32

Median: 43.10

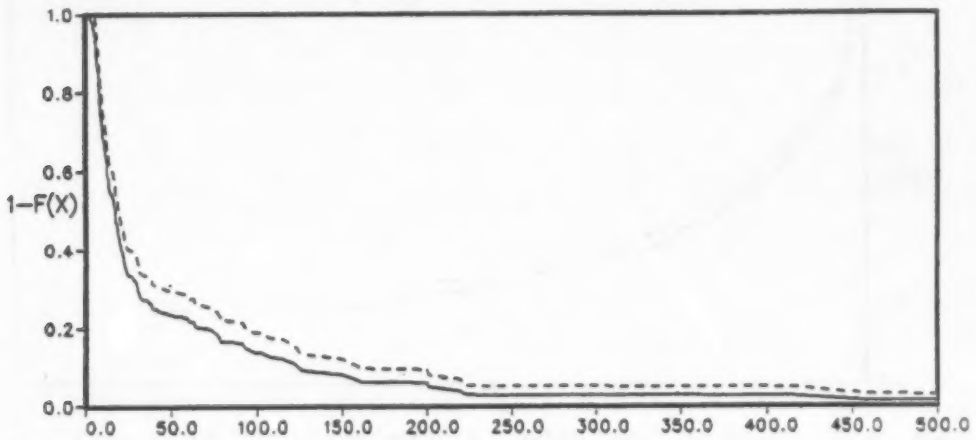
Figure 9-52. Population Estimates, Chloride (CL16), Region 1.

VARIABLE: CHLORIDE AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

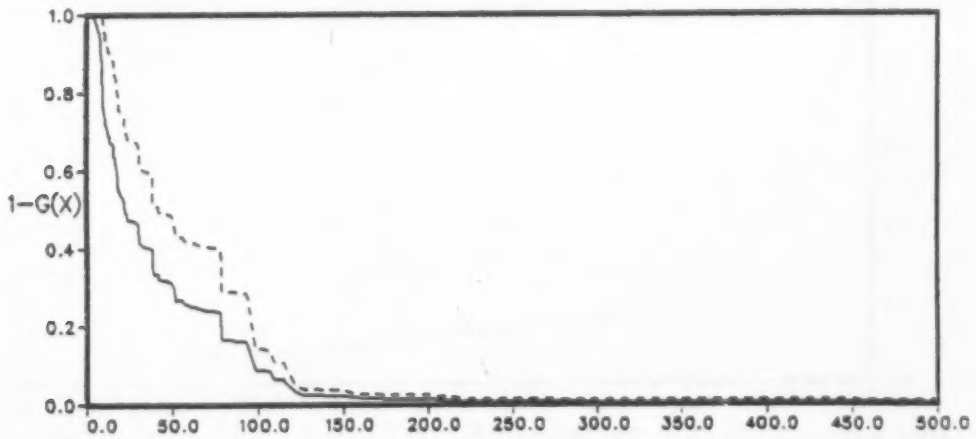
REGION 2
SUB_RGN
CLASS

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 1.13 Q_1: 7.61 Q_2: 12.06 Q_3: 20.34 Q_4: 65.76 Max: 1006.70

Median: 16.84
Mean: 49.13
Std. Dev.: 93.70



Min: 1.13 Q_1: 8.95 Q_2: 17.40 Q_3: 37.52 Q_4: 77.01 Max: 1006.70

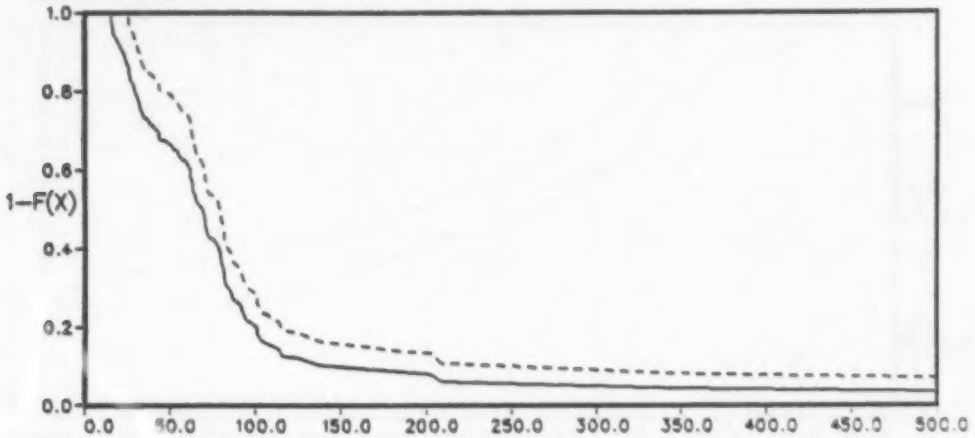
Median: 21.92

Figure 9-53. Population Estimates, Chloride (CL18), Region 2.

VARIABLE: CHLORIDE AS UEQ/L FOR LAKES ≤2000 HA

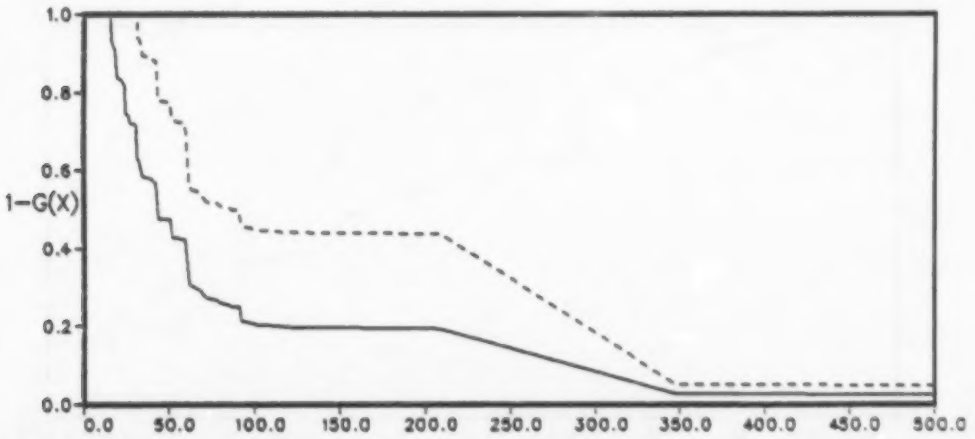
16 FEB 1986
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 15.51 Q_1: 28.67 Q_2: 59.68 Q_3: 76.15 Q_4: 94.94 Max: 2671.49

Median: 65.74
Mean: 99.33
Std. Dev.: 214.82



Min: 15.51 Q_1: 23.47 Q_2: 32.44 Q_3: 57.94 Q_4: 104.67 Max: 2671.49

Median: 41.89

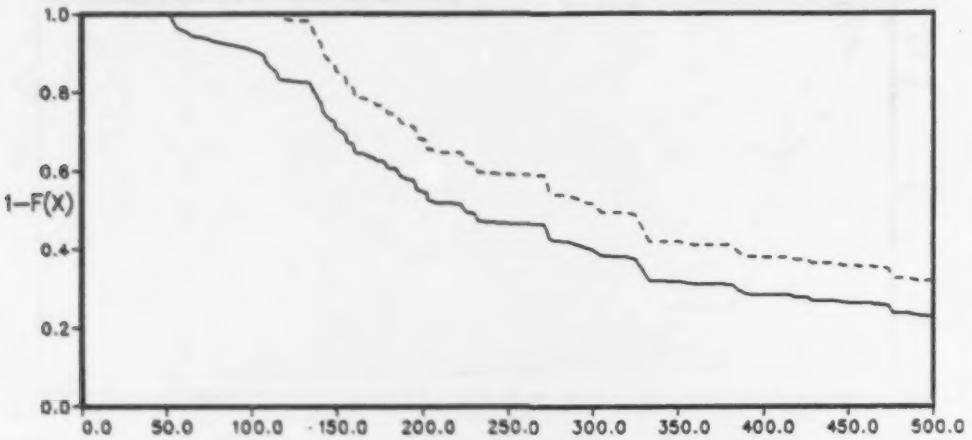
Figure 9-54. Population Estimates, Chloride (CL16), Subregion 3A.

VARIABLE: CHLORIDE AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

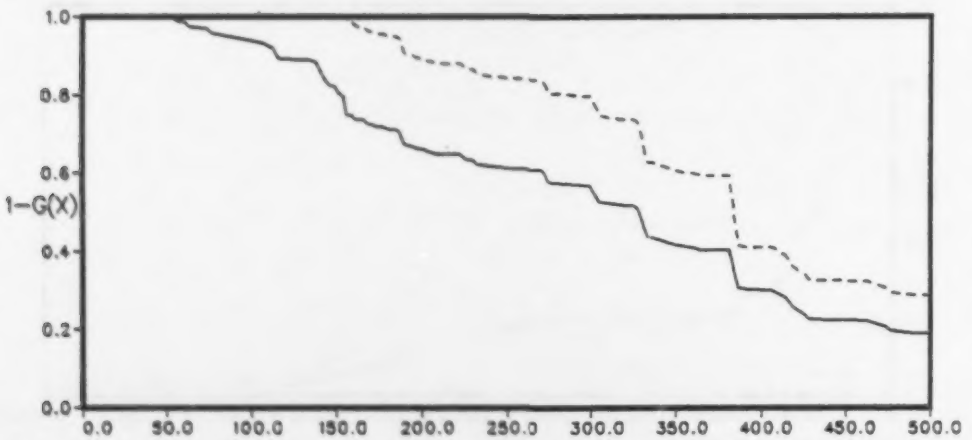
REGION 3
SUB_RGN 8
CLASS

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10158



Min: 49.93 Q_1: 134.74 Q_2: 181.02 Q_3: 296.43 Q_4: 537.31 Max: 1125.58

Median: 222.31
Mean: 313.45
Std. Dev.: 232.35



Min: 49.93 Q_1: 150.32 Q_2: 270.26 Q_3: 372.64 Q_4: 471.30 Max: 1125.58

Median: 324.79

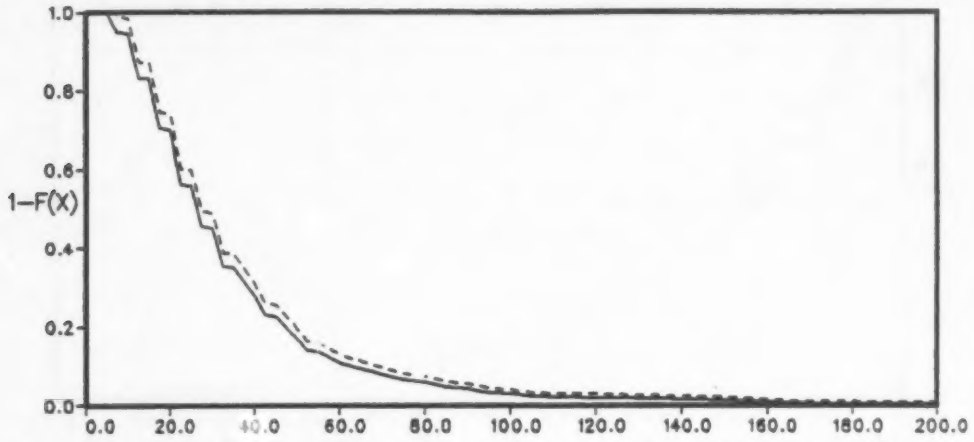
Figure 9-55. Population Estimates, Chloride (CL16), Subregion 3B.

VARIABLE: COLOR IN PCU FOR LAKES ≤2000 HA

16 FEB 1986

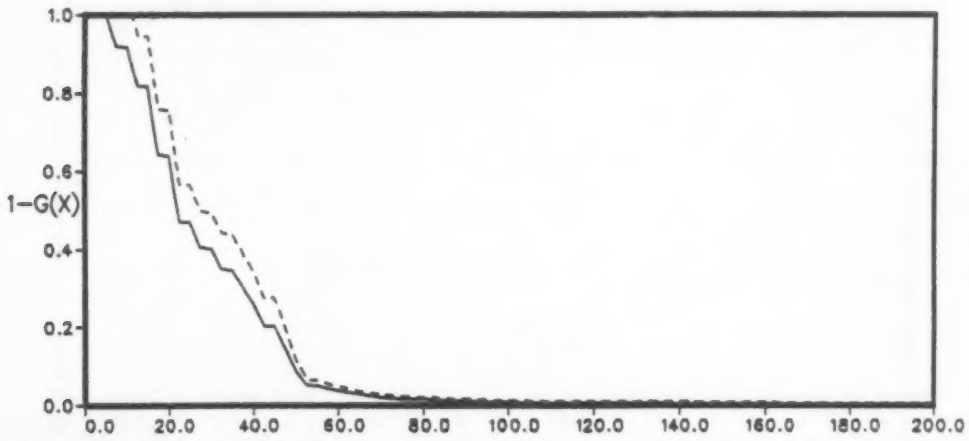
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 0.00 Q_1: 13.13 Q_2: 19.30 Q_3: 28.81 Q_4: 43.72 Max: 250.00

Median: 23.94
Mean: 32.35
Std. Dev.: 26.99



Min: 0.00 Q_1: 12.75 Q_2: 18.11 Q_3: 27.70 Q_4: 42.60 Max: 250.00

Median: 19.58

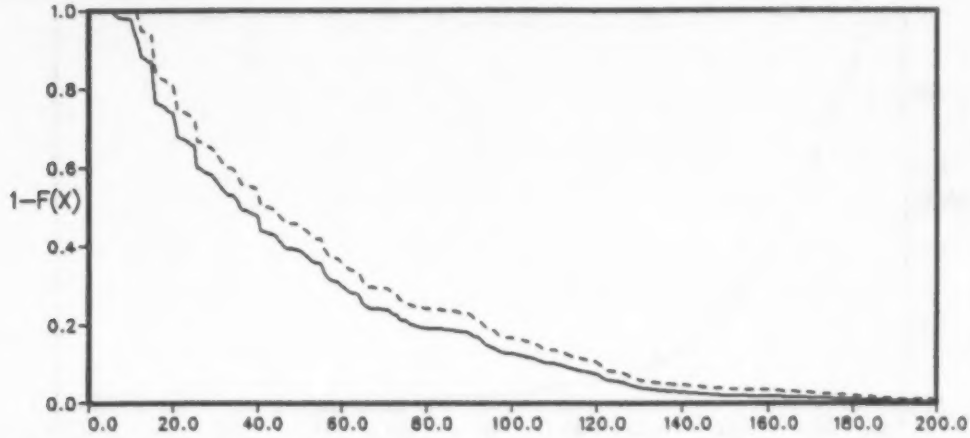
Figure 9-56. Population Estimates, Color, True (COLVAL), Region 1

VARIABLE: COLOR IN PCU FOR LAKES ≤2000 HA

16 FEB 1986

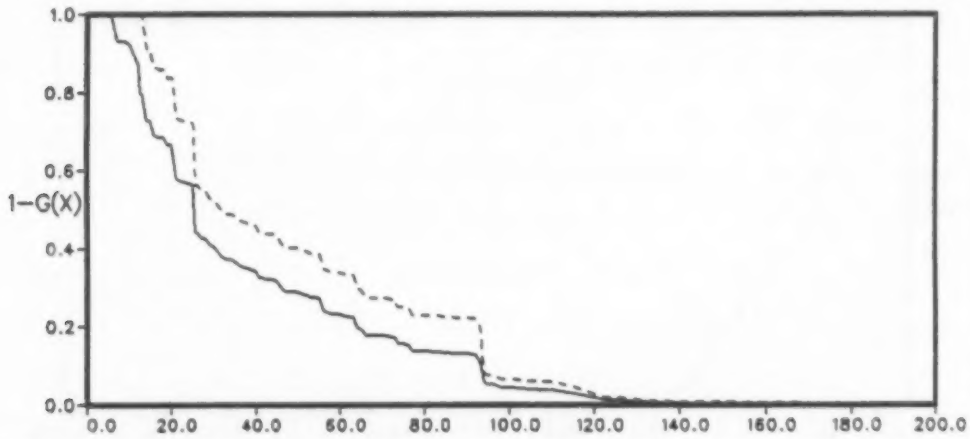
REGION 2
SUB_RGN
CLASS

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 4.00 Q_1: 14.83 Q_2: 24.99 Q_3: 44.90 Q_4: 75.58 Max: 345.00

Median: 34.68
Mean: 48.41
Std. Dev.: 39.05



Min: 4.00 Q_1: 11.90 Q_2: 19.75 Q_3: 29.16 Q_4: 62.88 Max: 345.00

Median: 24.52

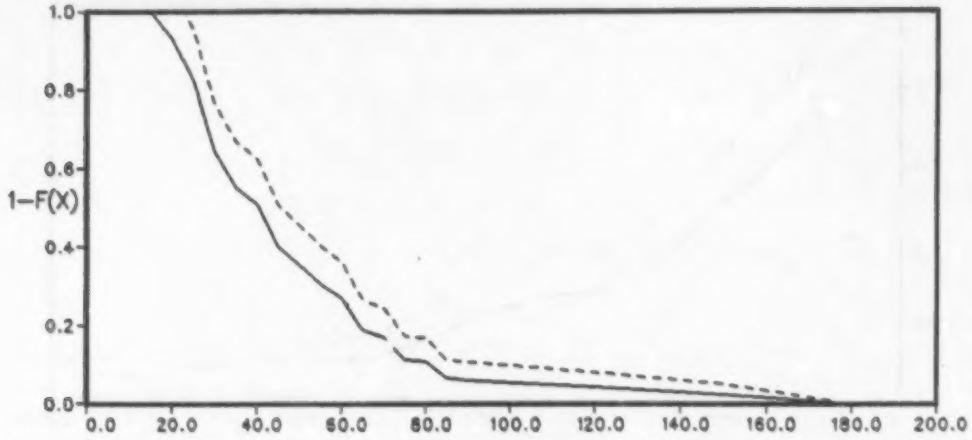
Figure 9-57. Population Estimates, Color, True (COLVAL), Region 2.

VARIABLE: COLOR IN PCU FOR LAKES ≤2000 HA

16 FEB 1986

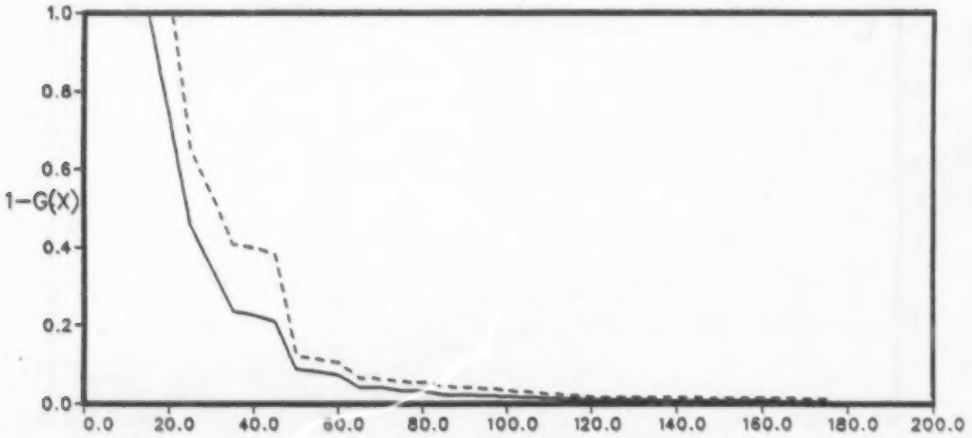
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 15.00 Q_1: 20.71 Q_2: 27.42 Q_3: 40.23 Q_4: 59.28 Max: 175.00

Median: 35.46
Mean: 44.66
Std. Dev.: 28.17



Min: 15.00 Q_1: 32.65 Q_2: 17.47 Q_3: 22.63 Q_4: 40.37 Max: 175.00

Median: 19.25

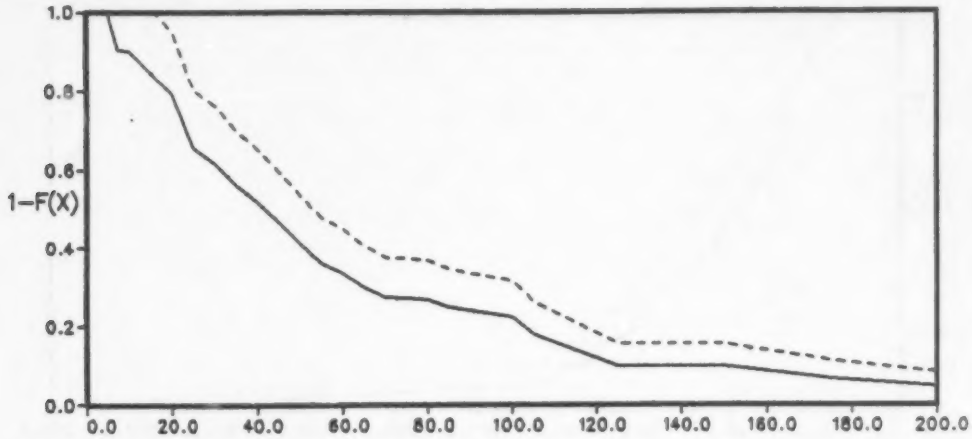
Figure 9-58. Population Estimates, Color, True (COLVAL), Subregion 3A.

VARIABLE: COLOR IN PCU FOR LAKES ≤2000 HA

16 FEB 1986

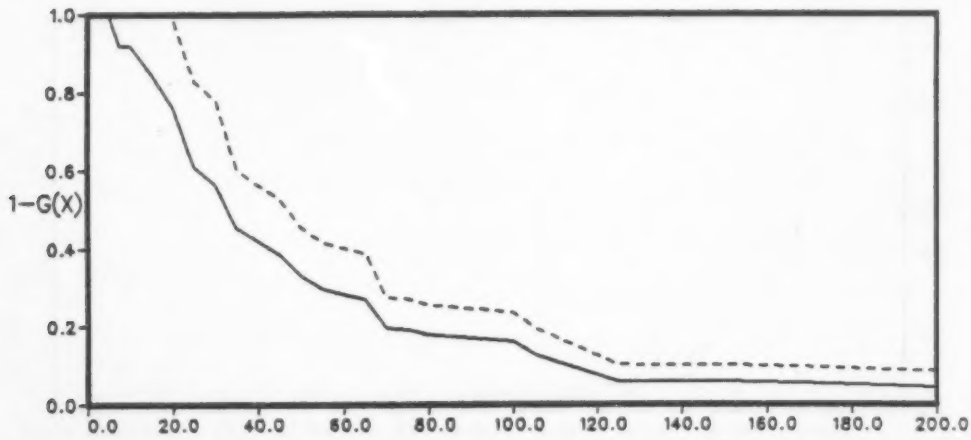
REGION 3
SUB_RGN B
CLASS

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10158



Min: 5.00 Q_1: 14.48 Q_2: 26.52 Q_3: 46.07 Q_4: 92.89 Max: 300.00

Median: 36.72
Mean: 58.85
Std. Dev.: 61.54



Min: 5.00 Q_1: 12.84 Q_2: 21.22 Q_3: 38.14 Q_4: 64.76 Max: 300.00

Median: 27.93

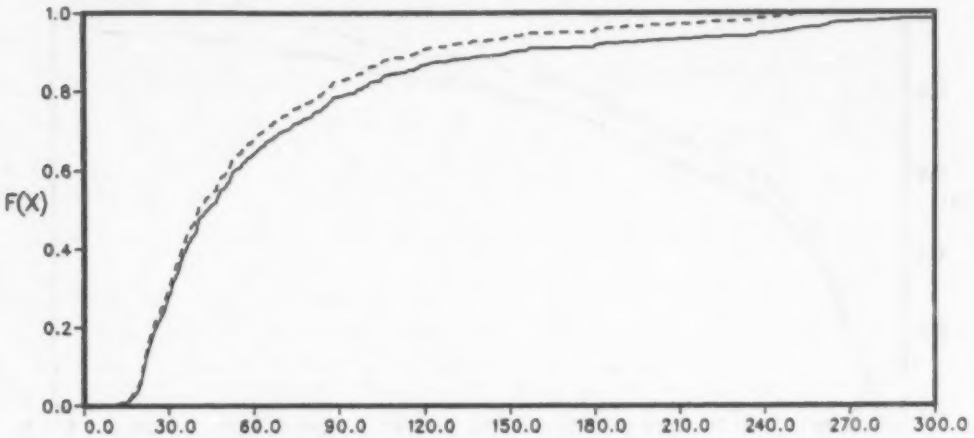
Figure 9-59. Population Estimates, Color, True (COLVAL), Subregion 3B.

VARIABLE: COND. AS US/CM FOR LAKES ≤2000 HA

16 FEB 1986

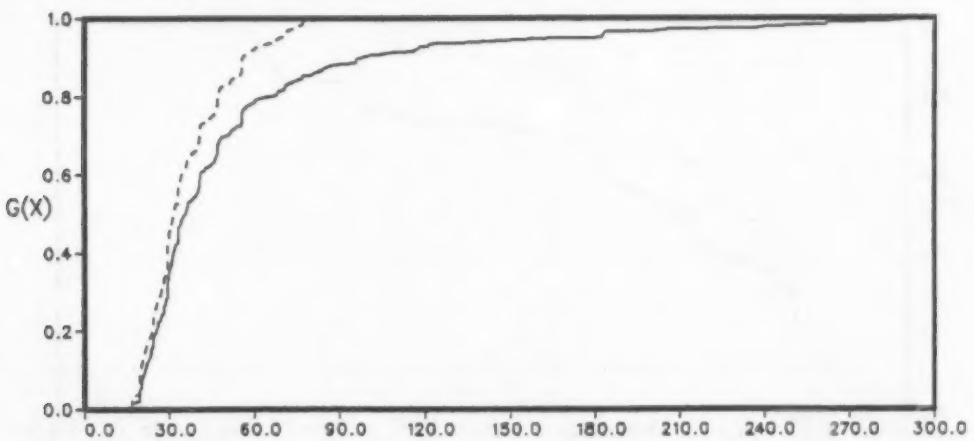
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 11.00 Q_1: 25.30 Q_2: 35.80 Q_3: 53.00 Q_4: 95.41 Max: 453.50

Median: 43.32
Mean: 69.46
Std. Dev.: 68.13



Min: 11.00 Q_1: 25.24 Q_2: 31.33 Q_3: 40.88 Q_4: 64.46 Max: 453.50

Median: 35.65

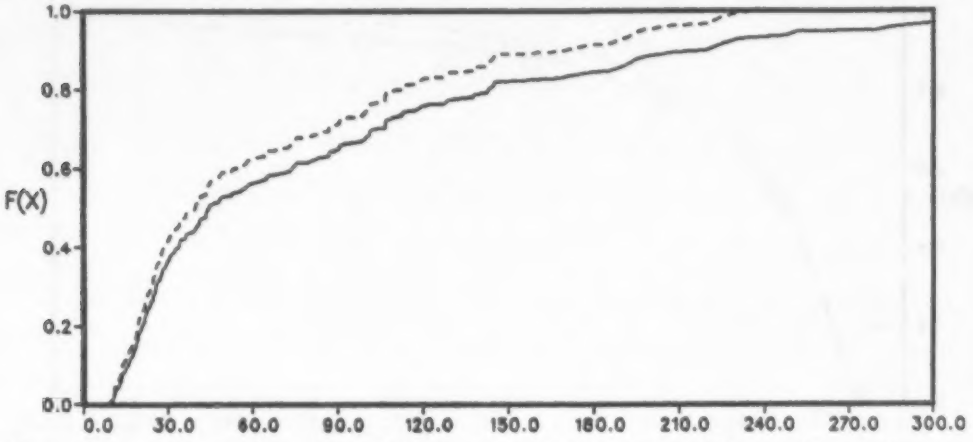
Figure 9-60. Population Estimates, Conductance (COND11), Region 1.

VARIABLE: COND. AS US/CM FOR LAKES ≤2000 HA

16 FEB 1986

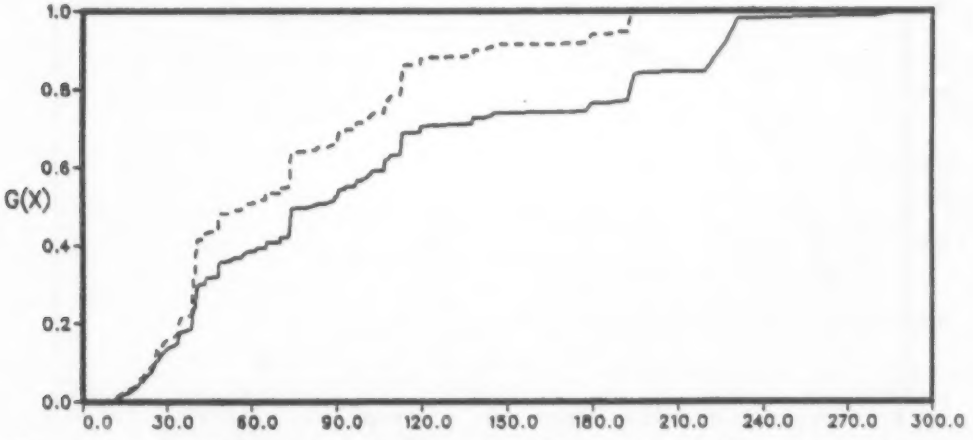
REGION 2
SUB_RGN
CLASS

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 7.80 Q_1: 20.69 Q_2: 33.45 Q_3: 73.41 Q_4: 142.84 Max: 494.00

Median: 44.27
Mean: 84.89
Std. Dev.: 84.27



Min: 7.80 Q_1: 38.76 Q_2: 64.88 Q_3: 106.74 Q_4: 192.87 Max: 494.00

Median: 80.45

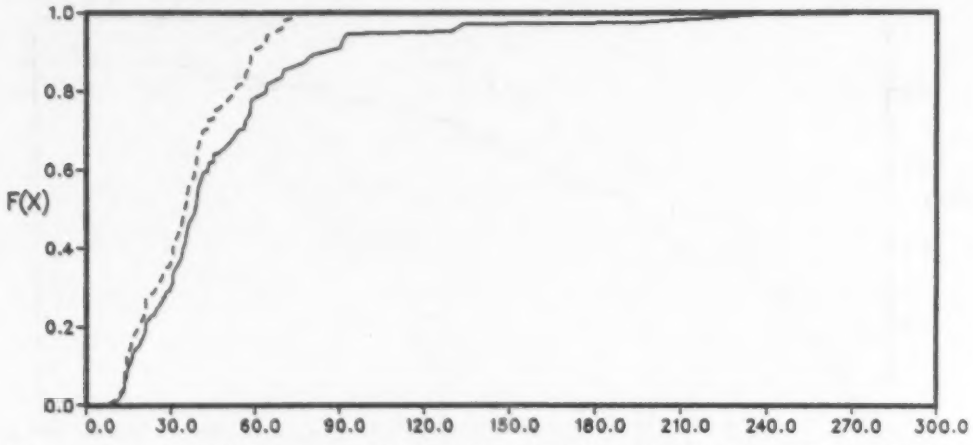
Figure 9-61. Population Estimates, Conductance (COND11), Region 2.

VARIABLE: COND. AS US/CM FOR LAKES ≤2000 HA

16 FEB 1986

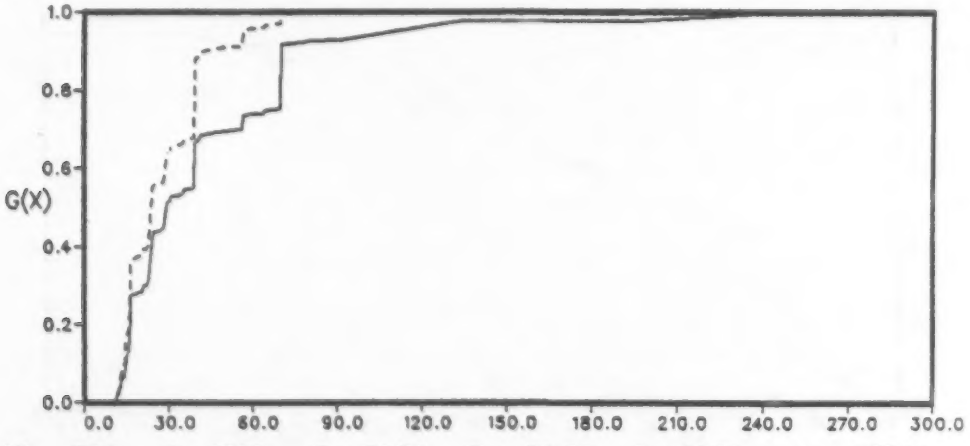
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 7.80 Q_1: 20.93 Q_2: 34.25 Q_3: 43.02 Q_4: 63.92 Max: 475.20

Median: 38.47
Mean: 50.17
Std. Dev.: 48.78



Min: 7.80 Q_1: 16.20 Q_2: 24.04 Q_3: 39.03 Q_4: 69.72 Max: 475.20

Median: 29.07

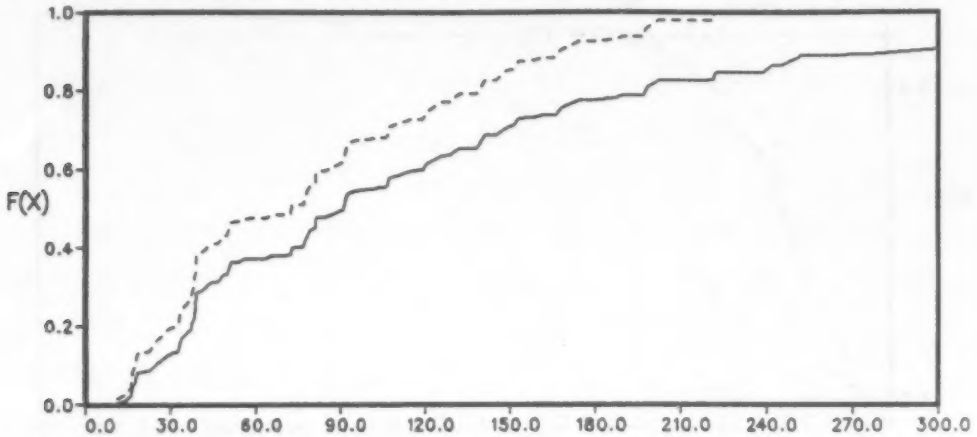
Figure 9-62. Population Estimates, Conductance (COND11), Subregion 3A.

VARIABLE: COND. AS US/CM FOR LAKES ≤2000 HA

16 FEB 1986

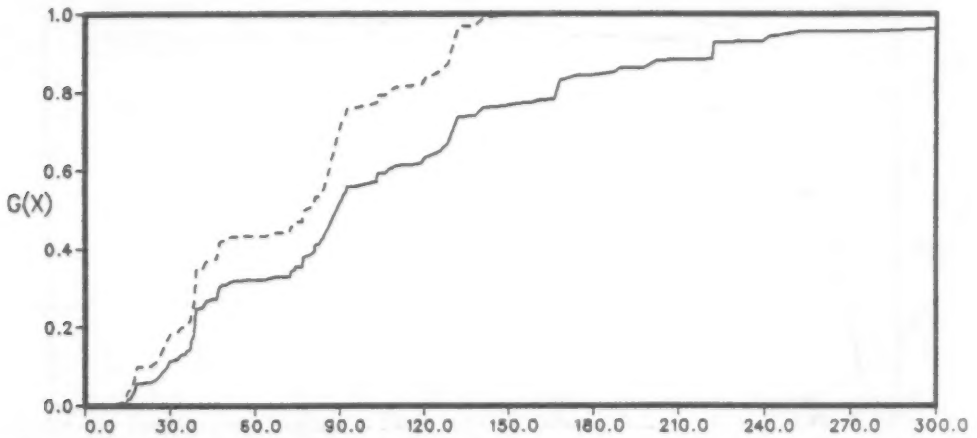
REGION 3
SUB_RGN B
CLASS

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10158



Min: 10.90 Q_1: 37.15 Q_2: 73.42 Q_3: 119.20 Q_4: 197.63 Max: 543.00

Median: 90.83
Mean: 123.64
Std. Dev.: 107.30



Min: 10.90 Q_1: 38.47 Q_2: 81.04 Q_3: 106.79 Q_4: 166.71 Max: 543.00

Median: 88.72

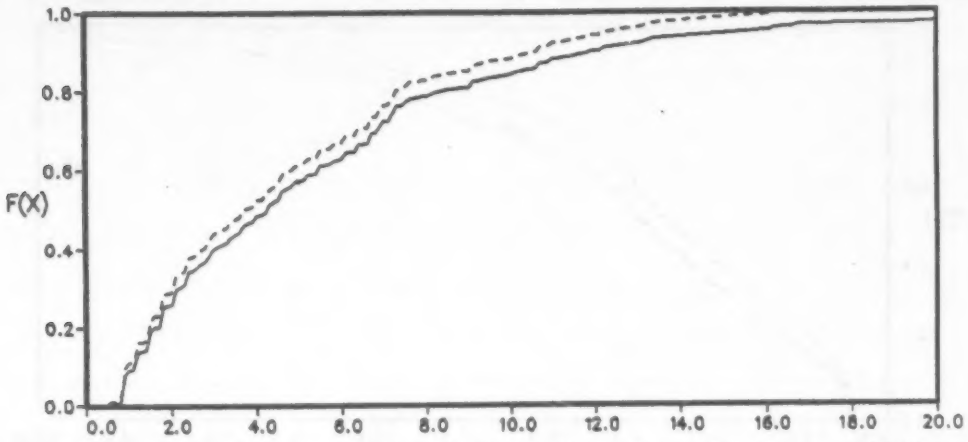
Figure 9-63. Population Estimates, Conductance (COND11), Subregion 3B.

VARIABLE: SITE DEPTH IN M FOR LAKES ≤2000 HA

16 FEB 1986

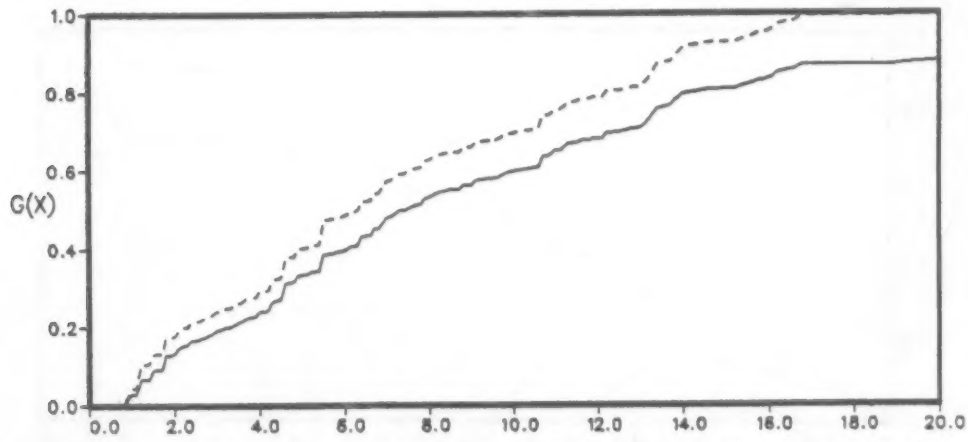
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 0.50 Q_1: 1.59 Q_2: 2.98 Q_3: 5.44 Q_4: 8.31 Max: 38.10

Median: 4.23
Mean: 5.73
Std. Dev.: 5.38



Min: 0.50 Q_1: 3.18 Q_2: 6.02 Q_3: 10.09 Q_4: 14.27 Max: 38.10

Median: 7.42

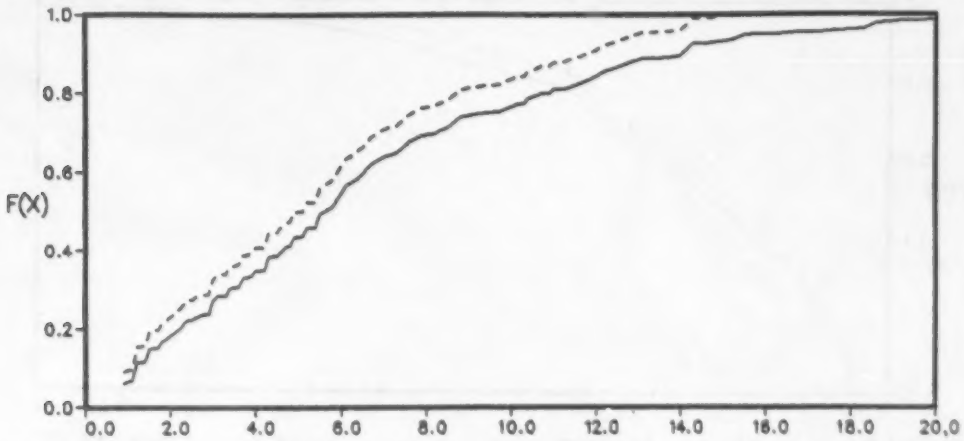
Figure 9-64. Population Estimates, Depth, Site (SITDPM), Region 1.

VARIABLE: SITE DEPTH IN M FOR LAKES ≤2000 HA

16 FEB 1986

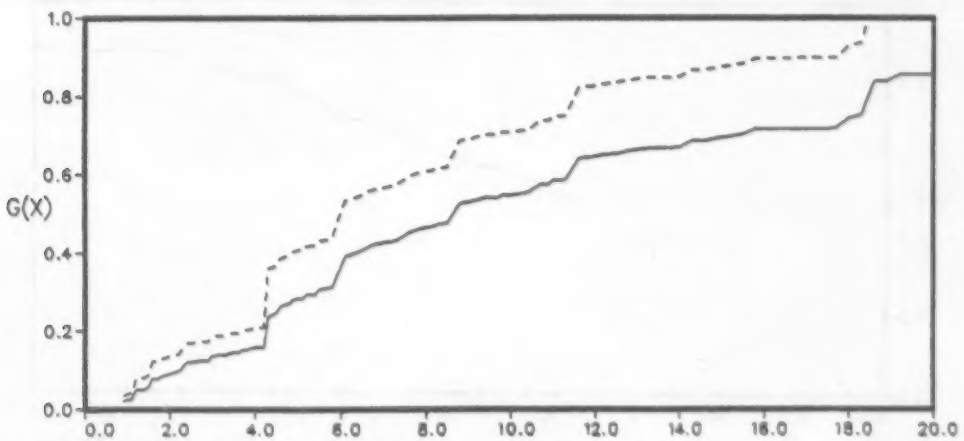
REGION 2
SUB_RGN
CLASS

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 0.90 Q_1: 2.19 Q_2: 4.61 Q_3: 6.54 Q_4: 10.91 Max: 36.90

Median: 5.62
Mean: 6.82
Std. Dev.: 5.16



Min: 0.90 Q_1: 4.25 Q_2: 6.33 Q_3: 11.37 Q_4: 18.47 Max: 36.90

Median: 8.64

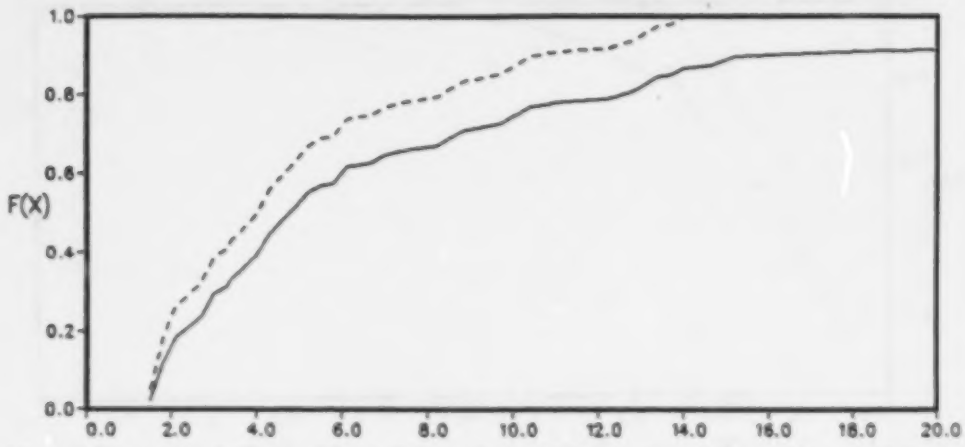
Figure 9-65. Population Estimates, Depth, Site (SITDPM), Region 2.

VARIABLE: SITE DEPTH IN M FOR LAKES ≤2000 HA

16 FEB 1986

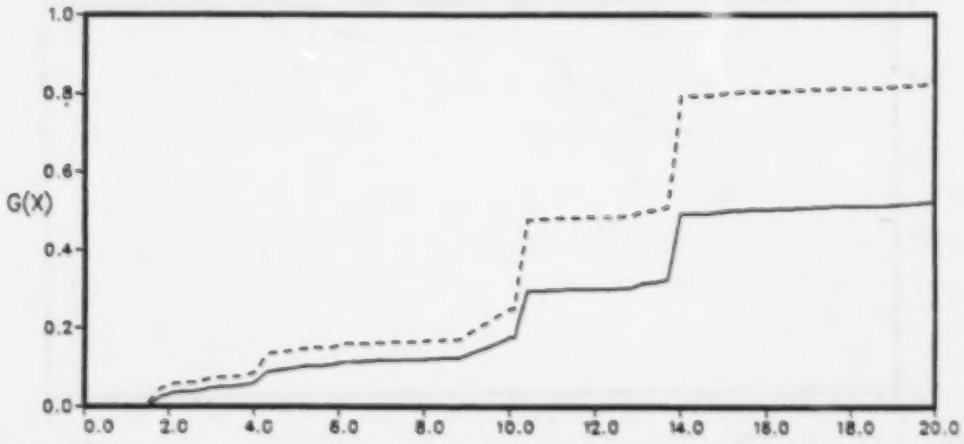
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 1.50 Q_1: 2.28 Q_2: 4.03 Q_3: 5.97 Q_4: 12.51 Max: 119.00

Median: 4.76
Mean: 8.94
Std. Dev.: 12.28



Min: 1.50 Q_1: 10.16 Q_2: 13.83 Q_3: 28.41 Q_4: 34.65 Max: 119.00

Median: 15.11

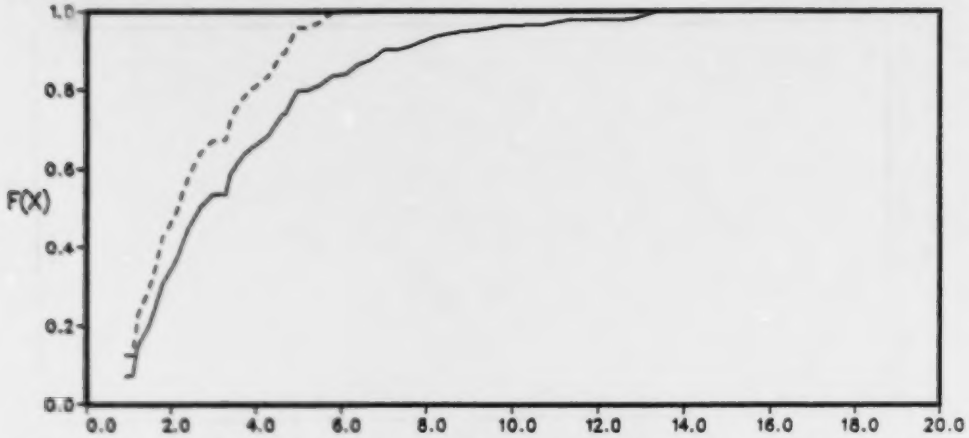
Figure 9-66. Population Estimates, Depth, Site (SITDPM), Subregion 3A.

VARIABLE: SITE DEPTH IN M FOR LAKES ≤2000 HA

16 FEB 1986

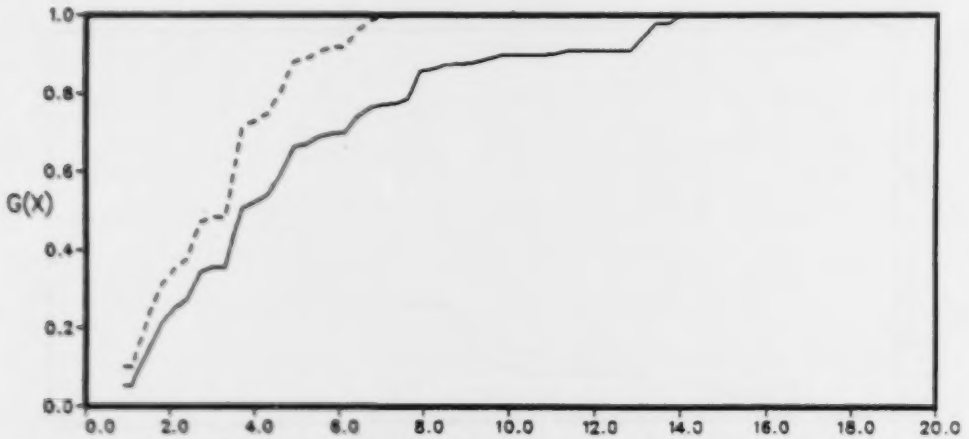
REGION 3
SUB_RGN 3B
CLASS

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10158



Min: 0.90 Q_1: 1.48 Q_2: 2.23 Q_3: 3.49 Q_4: 5.22 Max: 14.60

Median: 2.69
Mean: 3.73
Std. Dev.: 2.69



Min: 0.90 Q_1: 1.74 Q_2: 3.40 Q_3: 4.63 Q_4: 7.66 Max: 14.60

Median: 3.68

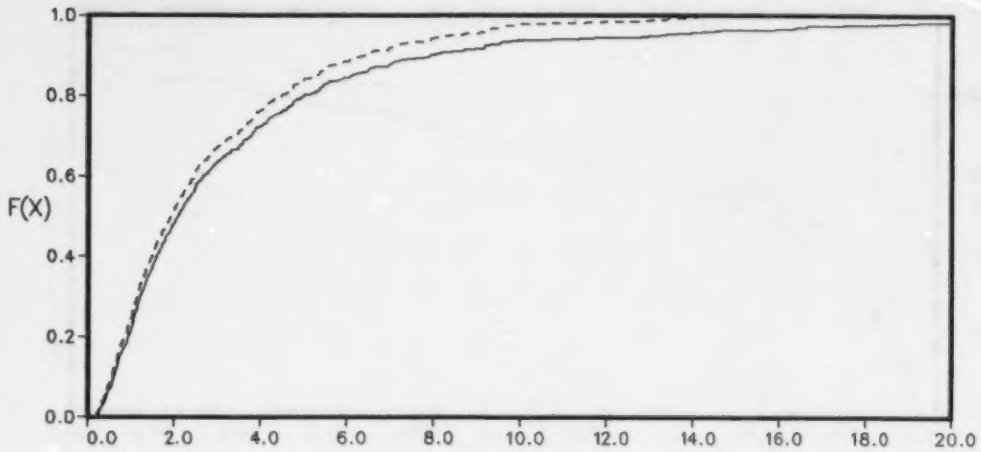
Figure 9-67. Population Estimates, Depth, Site (SITDPM), Subregion 3B.

VARIABLE: DIC AS MG/L FOR LAKES ≤2000 HA

16 FEB 1986

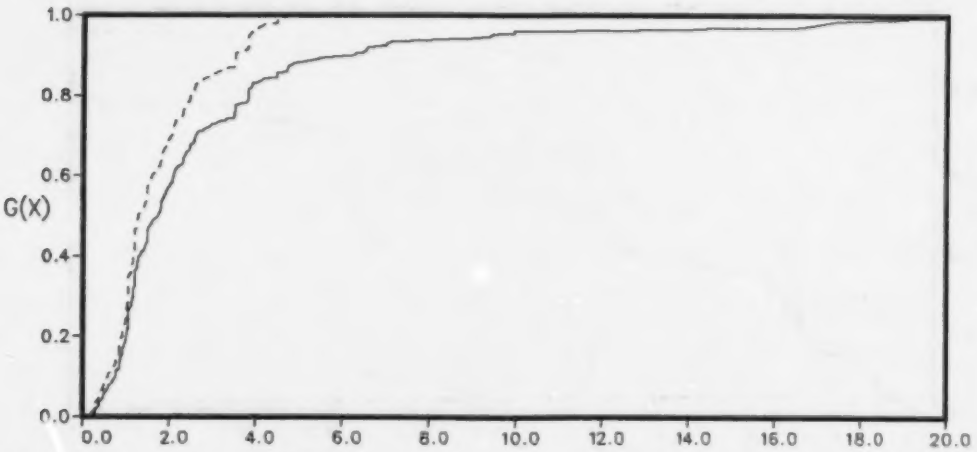
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 0.20 Q_1: 0.94 Q_2: 1.59 Q_3: 2.68 Q_4: 5.00 Max: 48.99

Median: 2.09
Mean: 3.68
Std. Dev.: 4.82



Min: 0.20 Q_1: 1.01 Q_2: 1.32 Q_3: 2.10 Q_4: 3.83 Max: 48.99

Median: 1.72

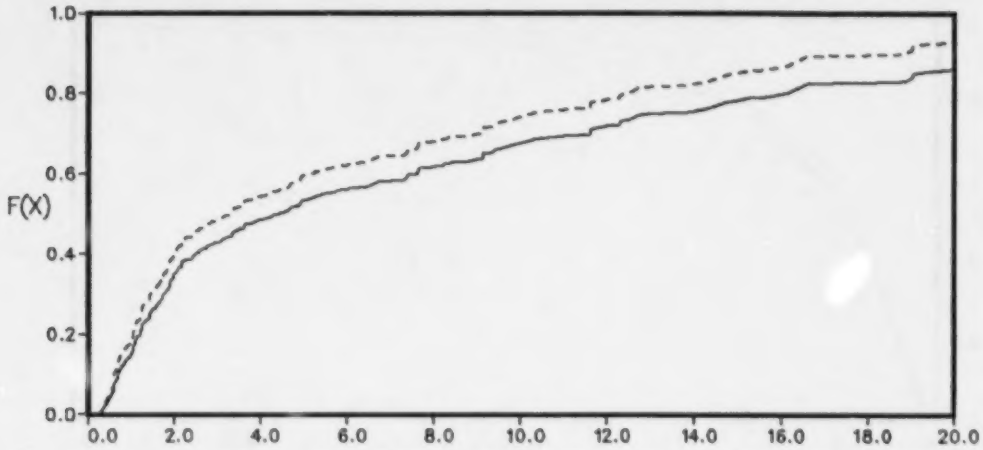
Figure 9-68. Population Estimates, Dissolved Inorganic Carbon (DICVAL), Region 1.

VARIABLE: DIC AS MG/L FOR LAKES ≤2000 HA

16 FEB 1986

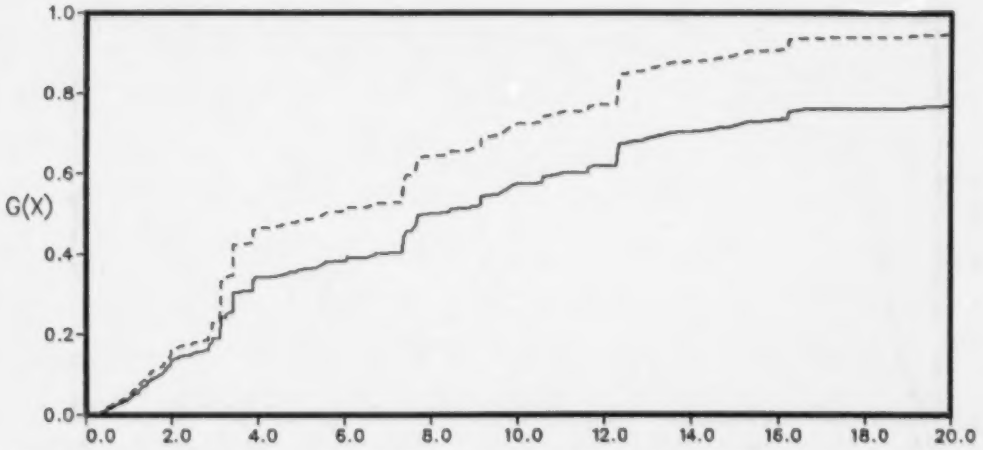
REGION	2
SUB_RGN	
CLASS	

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 0.22 Q_1: 1.20 Q_2: 2.48 Q_3: 7.62 Q_4: 16.09 Max: 44.23

Median: 4.43
Mean: 8.72
Std. Dev.: 9.60



Min: 0.22 Q_1: 3.11 Q_2: 6.71 Q_3: 10.98 Q_4: 22.22 Max: 44.23

Median: 7.96

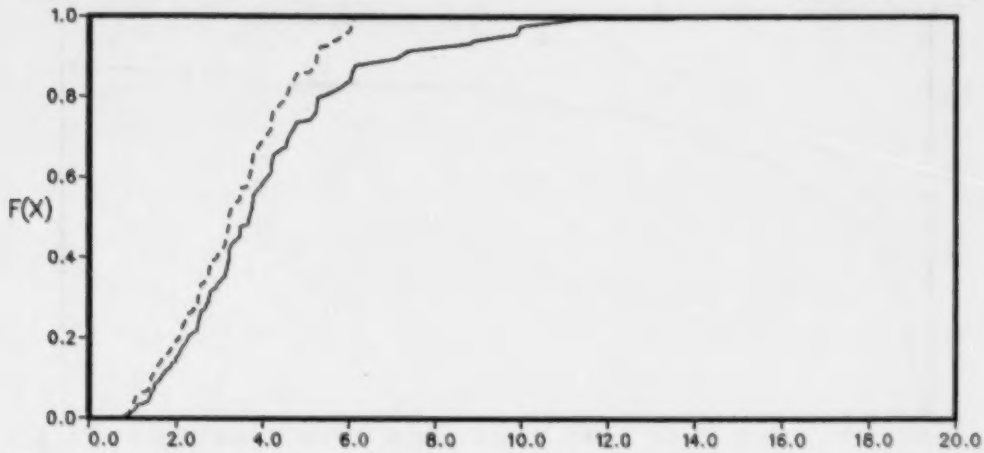
Figure 9-69. Population Estimates, Dissolved Inorganic Carbon (DICVAL), Region 2.

VARIABLE: DIC AS MG/L FOR LAKES ≤2000 HA

16 FEB 1986

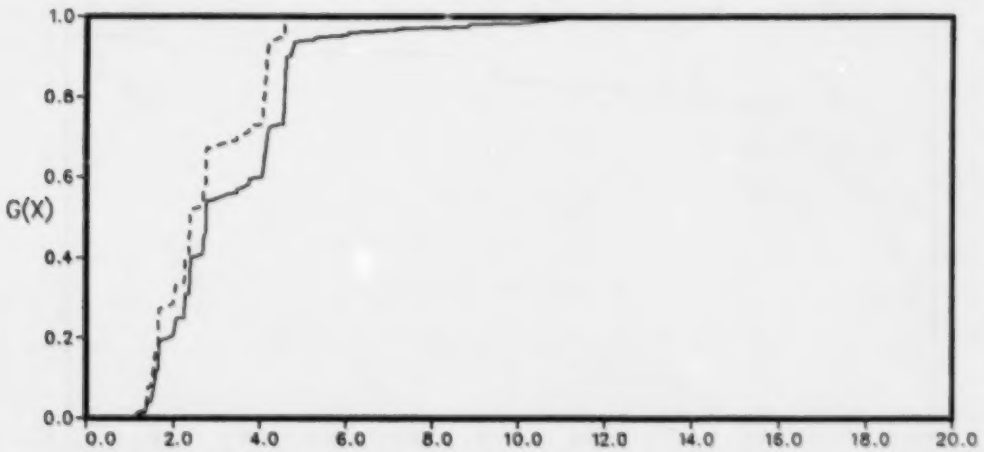
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 0.80 Q_1: 2.28 Q_2: 3.20 Q_3: 4.10 Q_4: 5.32 Max: 22.14

Median: 3.69
Mean: 4.20
Std. Dev.: 2.61



Min: 0.80 Q_1: 1.90 Q_2: 2.39 Q_3: 4.05 Q_4: 4.56 Max: 22.14

Median: 2.74

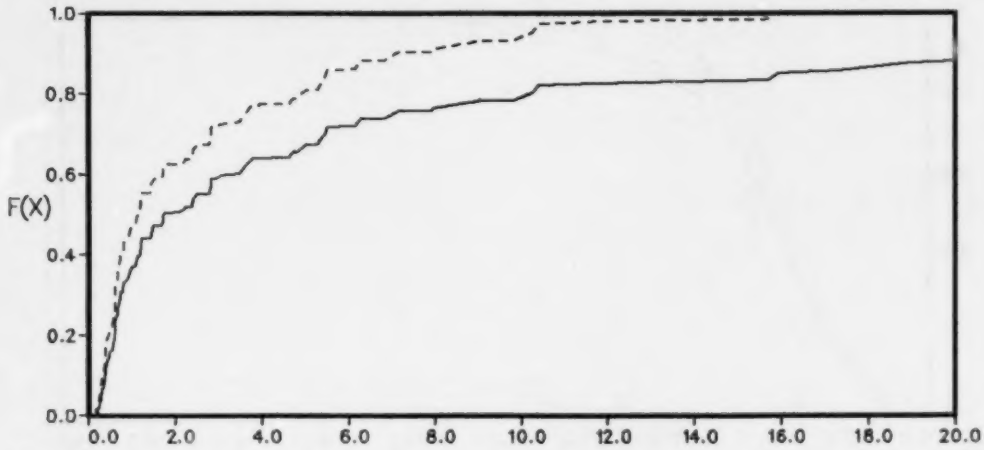
Figure 9-70. Population Estimates, Dissolved Inorganic Carbon (DICVAL), Subregion 3A.

VARIABLE: DIC AS MG/L FOR LAKES ≤2000 HA

16 FEB 1986

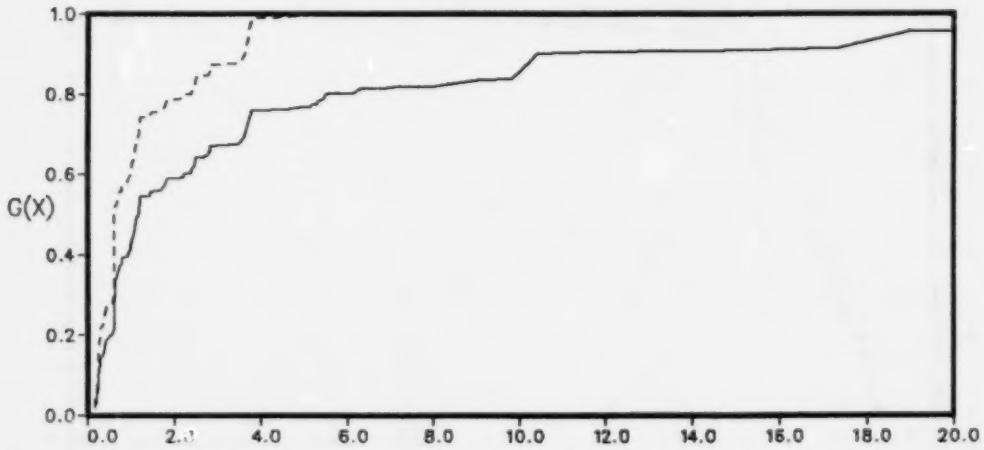
REGION 3
SUB_RGN B
CLASS

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10158



Min: 0.16 Q_1: 0.60 Q_2: 1.17 Q_3: 3.31 Q_4: 10.20 Max: 39.63

Median: 1.72
Mean: 6.66
Std. Dev.: 9.82



Min: 0.16 Q_1: 0.57 Q_2: 0.93 Q_3: 2.22 Q_4: 5.49 Max: 39.63

Median: 1.17

Figure 9-71. Population Estimates, Dissolved Inorganic Carbon (DICVAL), Subregion 3B.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

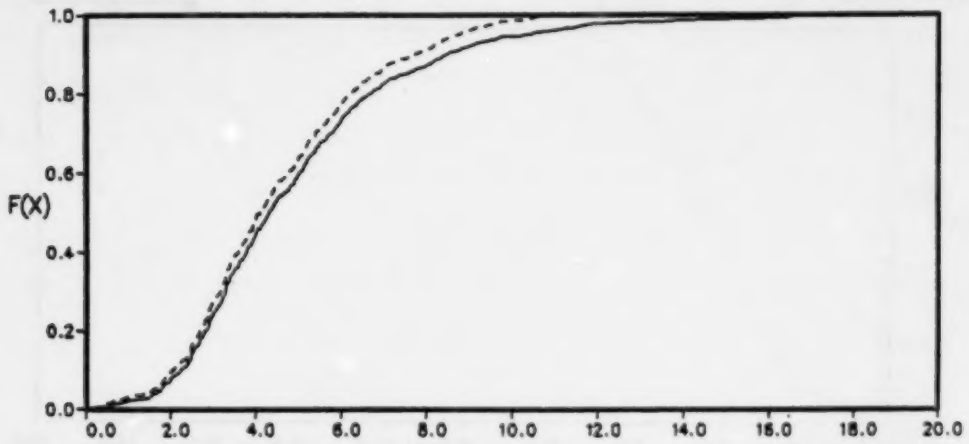
16 FEB 1986

REGION 1
SUB_RGN
CLASS

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763

Lake Area (A): 427864 SE(A): 36414

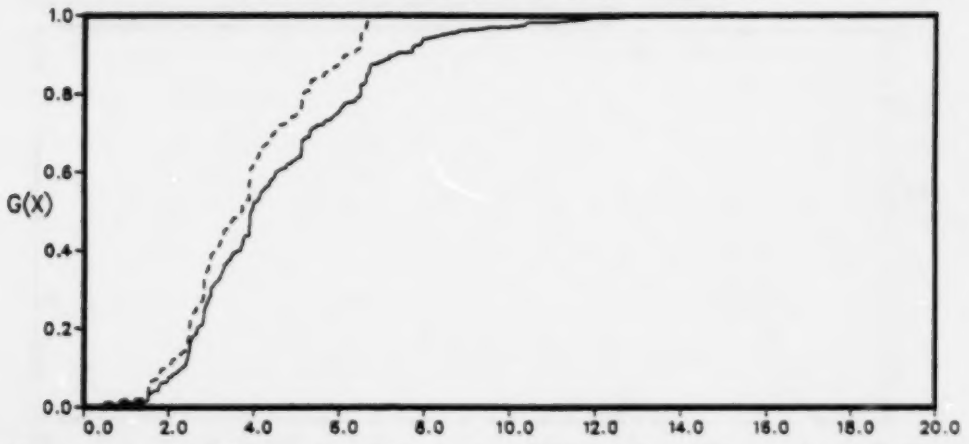


Min: 0.14 Q_1: 2.82 Q_2: 3.78 Q_3: 5.01 Q_4: 6.64 Max: 26.38

Median: 4.30
Mean: 4.95
Std. Dev.: 2.81

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.081	N_{c1}: 572	N_{cu1}: 696
P_{c2}: 0.247	N_{c2}: 1753	N_{cu2}: 1966
P_{c3}: 0.736	N_{c3}: 5223	N_{cu3}: 5508



Min: 0.14 Q_1: 2.68 Q_2: 3.64 Q_3: 4.53 Q_4: 6.51 Max: 26.38

Median: 3.93

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.076	A_{c1}: 32327	A_{cu1}: 47392
G_{c2}: 0.304	A_{c2}: 130163	A_{cu2}: 166530
G_{c3}: 0.756	A_{c3}: 323301	A_{cu3}: 375893

Figure 9-72. Population Estimates, Dissolved Organic Carbon (DOC11), Region 1.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

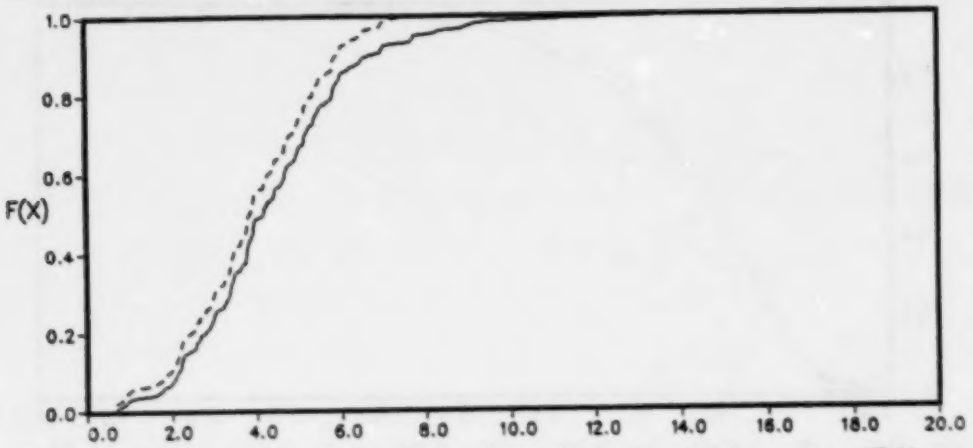
16 FEB 1986

REGION 1
SUB_RGN A
CLASS

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

Population Size (N): 1290 SE(N): 47.6 Sample Size: 155

Lake Area (A): 118776 SE(A): 22186



Min: 0.67 Q_1: 2.77 Q_2: 3.77 Q_3: 4.68 Q_4: 5.80 Max: 15.14

Median: 4.15
Mean: 4.42
Std. Dev.: 2.05

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.074	N_{c1}: 95	N_{cu1}: 139
P_{c2}: 0.244	N_{c2}: 315	N_{cu2}: 388
P_{c3}: 0.851	N_{c3}: 1098	N_{cu3}: 1186

Min: 0.67 Q_1: 2.91 Q_2: 3.77 Q_3: 3.93 Q_4: 5.13 Max: 15.14

Median: 3.90

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.063	A_{c1}: 7518	A_{cu1}: 14564
G_{c2}: 0.280	A_{c2}: 33220	A_{cu2}: 49030
G_{c3}: 0.962	A_{c3}: 114283	A_{cu3}: 150892

Figure 9-73. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 1A.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

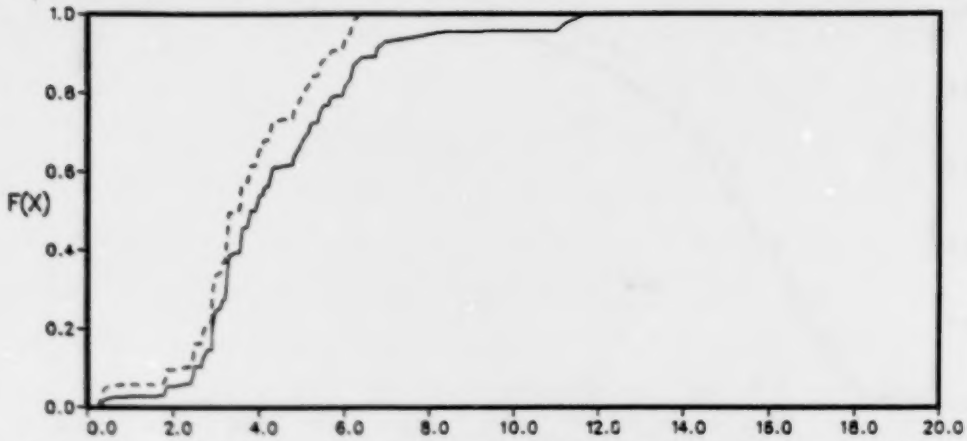
16 FEB 1986

REGION 1
SUB_RGN 8
CLASS

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

Population Size (N): 1479 SE(N): 92.9 Sample Size: 143

Lake Area (A): 26872 SE(A): 2913

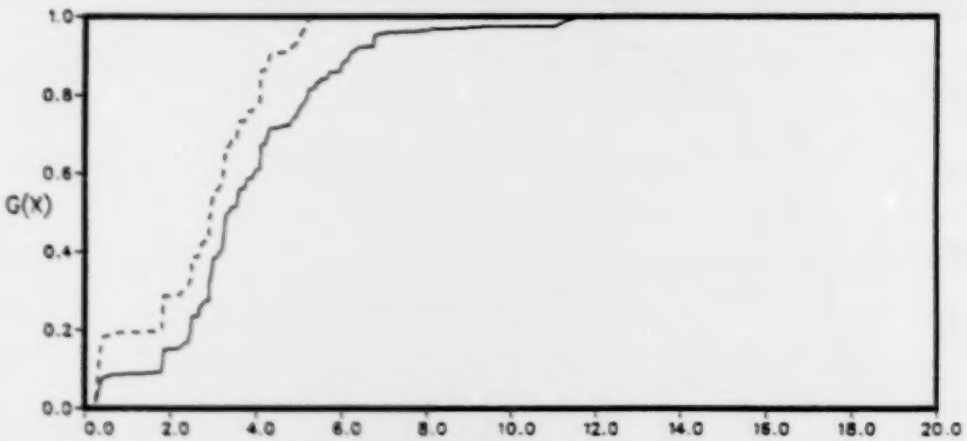


Min: 0.24 Q_1: 2.90 Q_2: 3.85 Q_3: 4.29 Q_4: 5.97 Max: 20.03

Median: 3.84
Mean: 4.47
Std. Dev.: 2.23

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.055	N_{c1}: 81	N_{cu1}: 143
P_{c2}: 0.247	N_{c2}: 366	N_{cu2}: 500
P_{c3}: 0.814	N_{c3}: 1205	N_{cu3}: 1376



Min: 0.24 Q_1: 2.48 Q_2: 3.14 Q_3: 3.95 Q_4: 5.19 Max: 20.03

Median: 3.36

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.151	A_{c1}: 4066	A_{cu1}: 7718
G_{c2}: 0.382	A_{c2}: 10261	A_{cu2}: 14758
G_{c3}: 0.879	A_{c3}: 23625	A_{cu3}: 28605

Figure 9-74. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 8.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

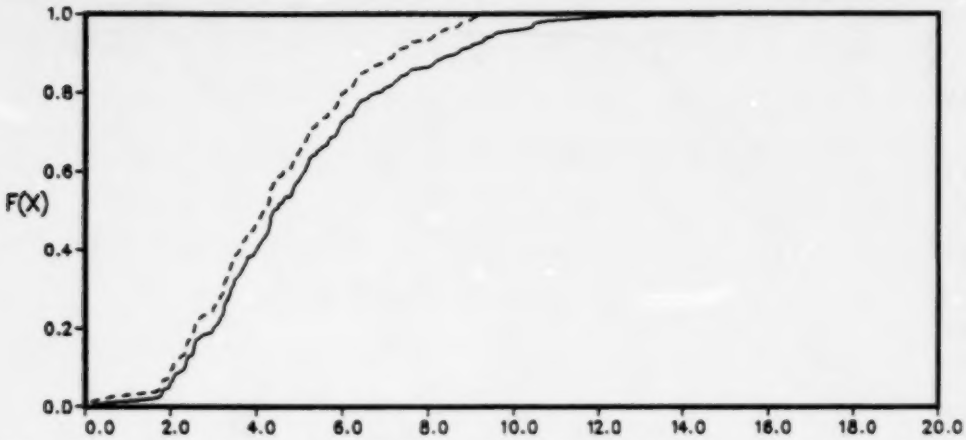
16 FEB 1986

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

REGION 1
SUB_RGN C
CLASS

Population Size (N): 1483 SE(N): 57.5 Sample Size: 163

Lake Area (A): 72412 SE(A): 12013

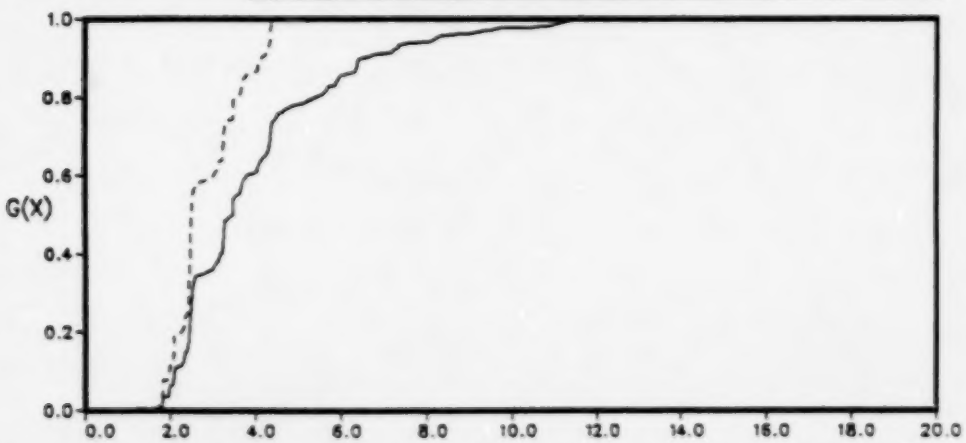


Min: 0.14 Q_1: 3.00 Q_2: 3.99 Q_3: 5.13 Q_4: 6.8[illegible] Max: 17.05

Median: 4.42
Mean: 5.03
Std. Dev.: 2.56

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.062	N_{c1}: 92	N_{cu1}: 136
P_{c2}: 0.200	N_{c2}: 296	N_{cu2}: 371
P_{c3}: 0.725	N_{c3}: 1075	N_{cu3}: 1181



Min: 0.14 Q_1: 2.45 Q_2: 3.16 Q_3: 3.78 Q_4: 5.38 Max: 17.05

Median: 3.45

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.065	A_{c1}: 4682	A_{cu1}: 8416
G_{c2}: 0.361	A_{c2}: 26147	A_{cu2}: 43233
G_{c3}: 0.857	A_{c3}: 62059	A_{cu3}: 81721

Figure 9-75. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 1C.

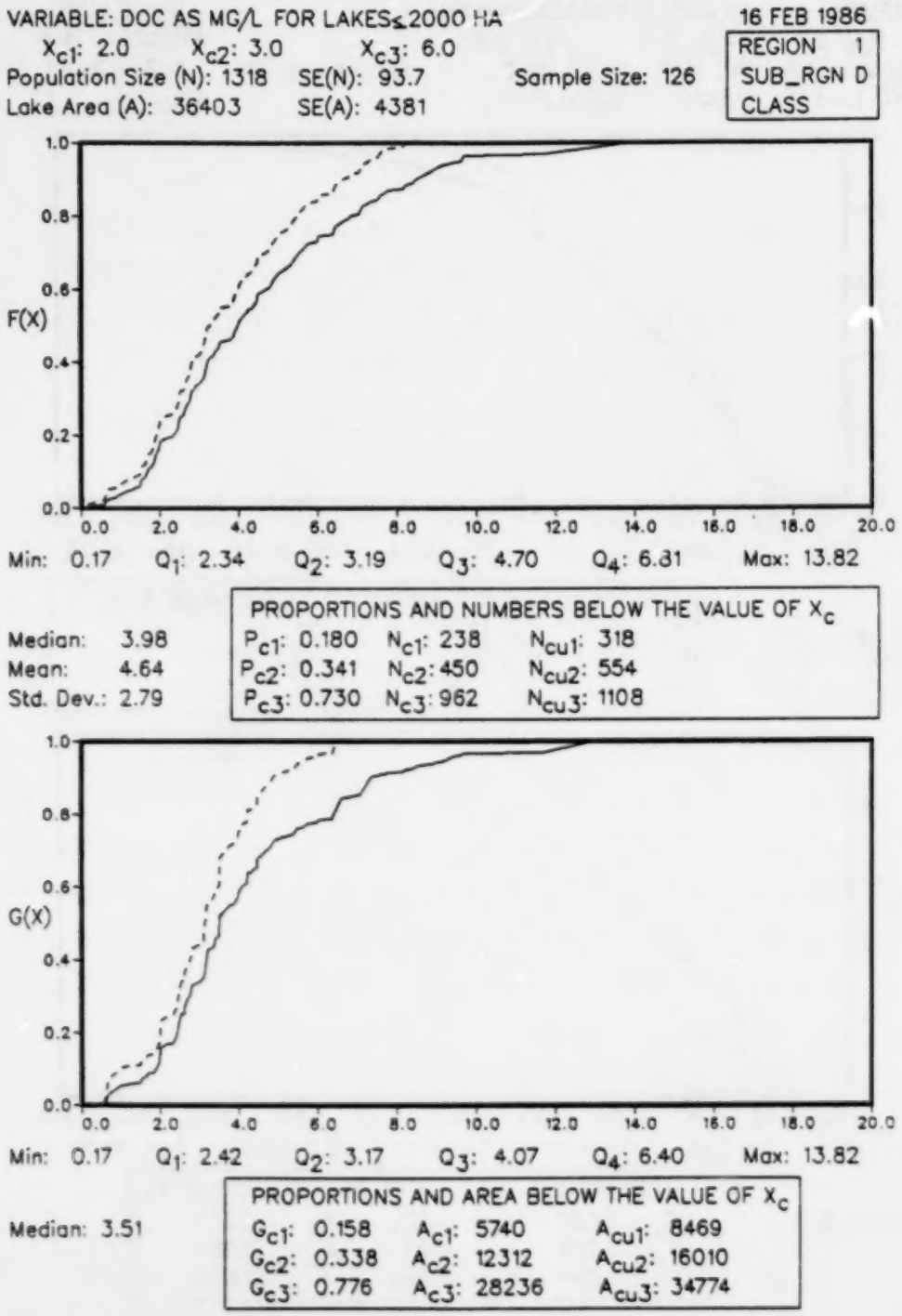


Figure 9-76. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 1D.

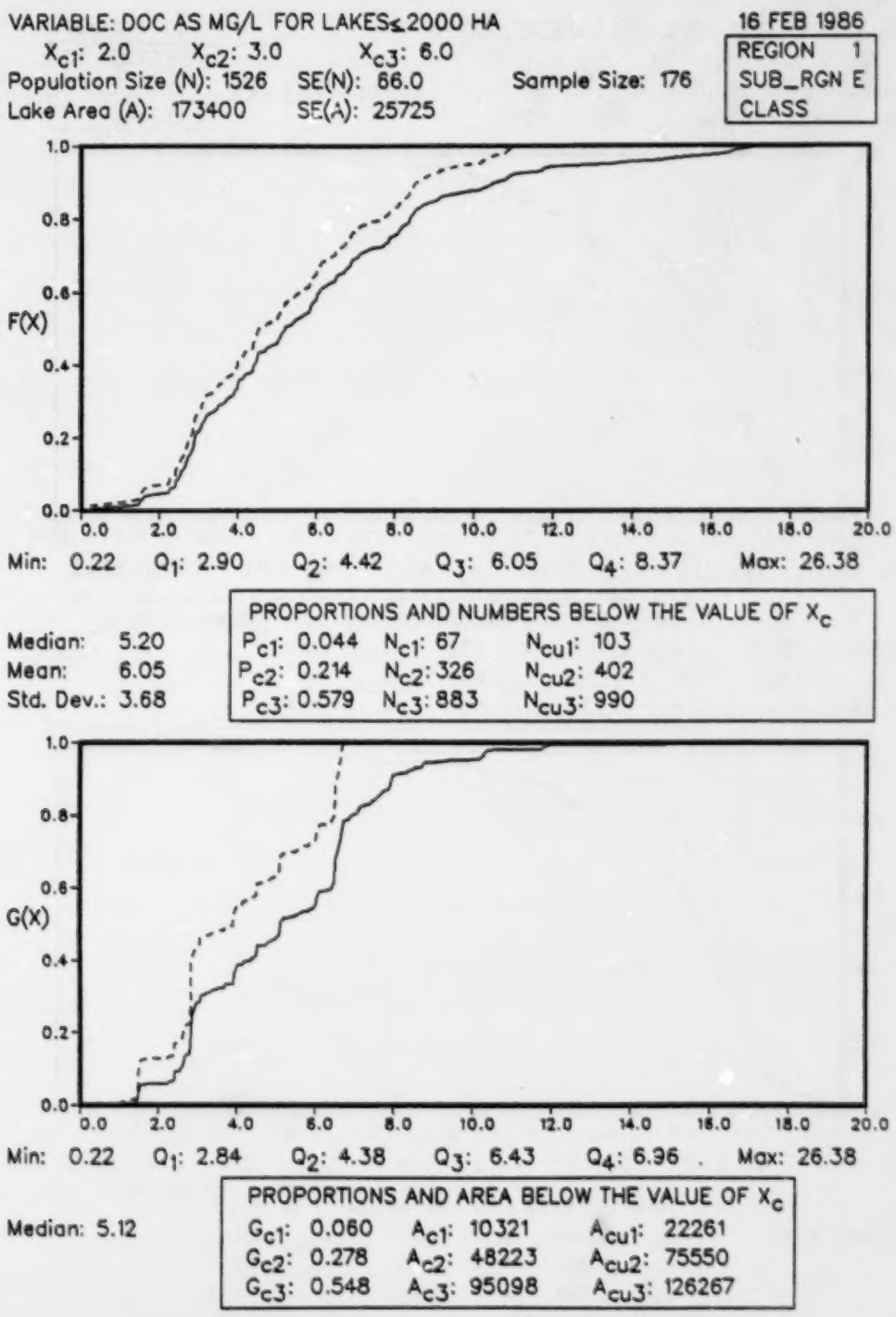


Figure 9-77. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 1E.

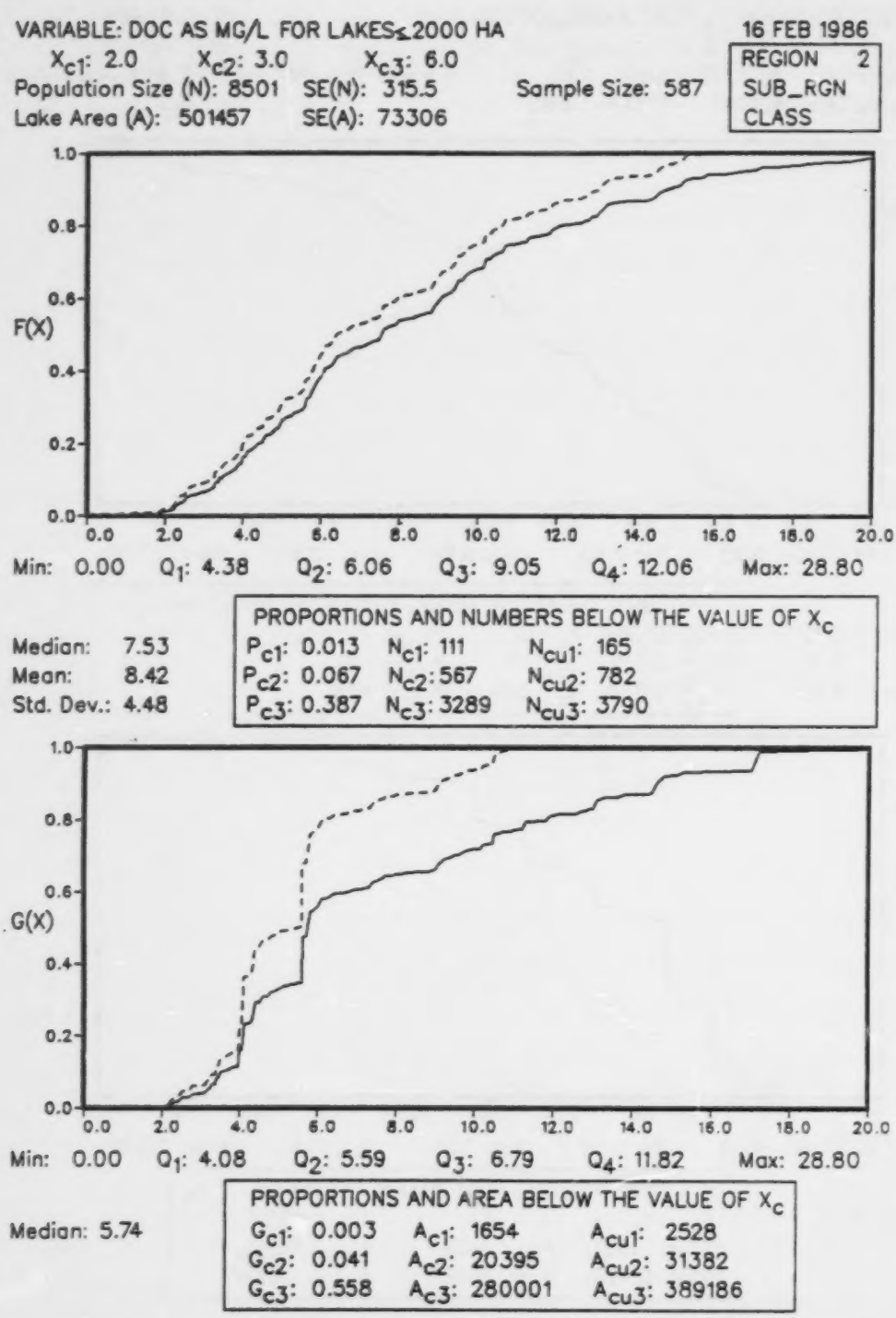


Figure 9-78. Population Estimates, Dissolved Organic Carbon (DOC11), Region 2.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

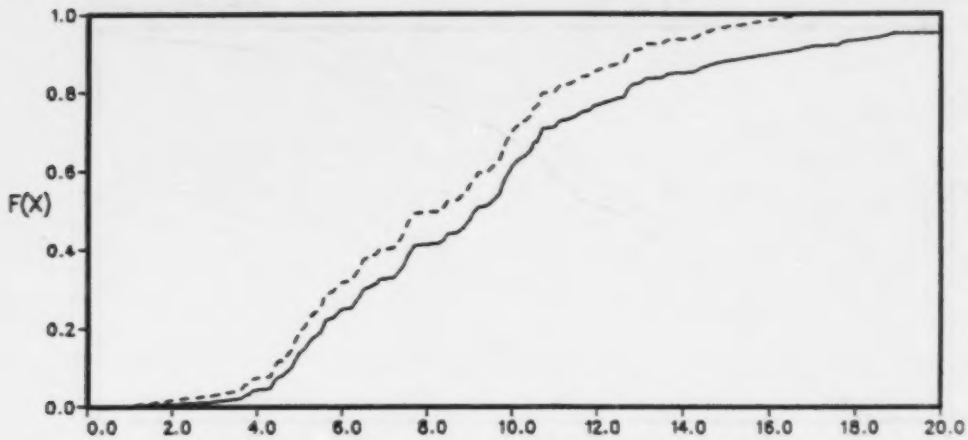
16 FEB 1986

REGION 2
SUB_RGN A
CLASS

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

Population Size (N): 1457 SE(N): 74.3 Sample Size: 147

Lake Area (A): 142979 SE(A): 37582

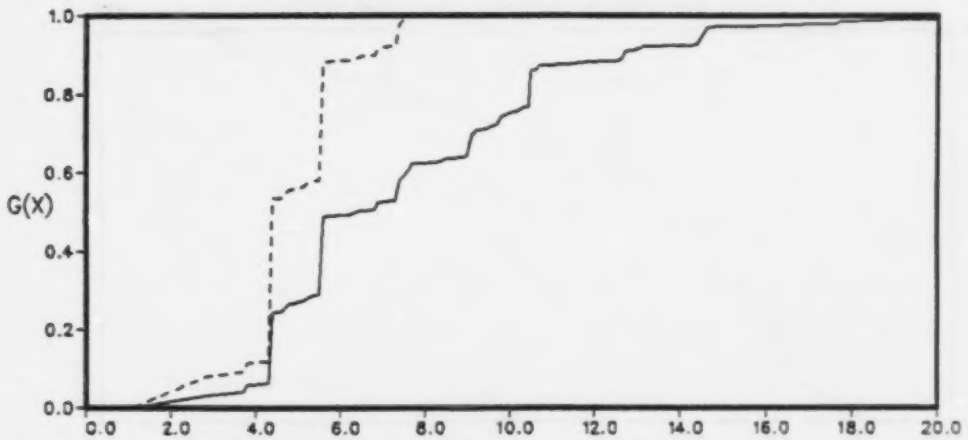


Min: 1.10 Q_1: 5.53 Q_2: 7.63 Q_3: 9.94 Q_4: 12.66 Max: 23.70

Median: 9.15
Mean: 9.75
Std. Dev.: 4.62

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.002	N_{c1}: 3	N_{cu1}: 7
P_{c2}: 0.012	N_{c2}: 17	N_{cu2}: 40
P_{c3}: 0.250	N_{c3}: 364	N_{cu3}: 465



Min: 1.10 Q_1: 4.38 Q_2: 5.56 Q_3: 7.56 Q_4: 10.47 Max: 23.70

Median: 6.39

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.000	A_{c1}: 64	A_{cu1}: 150
G_{c2}: 0.031	A_{c2}: 4426	A_{cu2}: 11343
G_{c3}: 0.493	A_{c3}: 70527	A_{cu3}: 126724

Figure 9-79. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 2A.

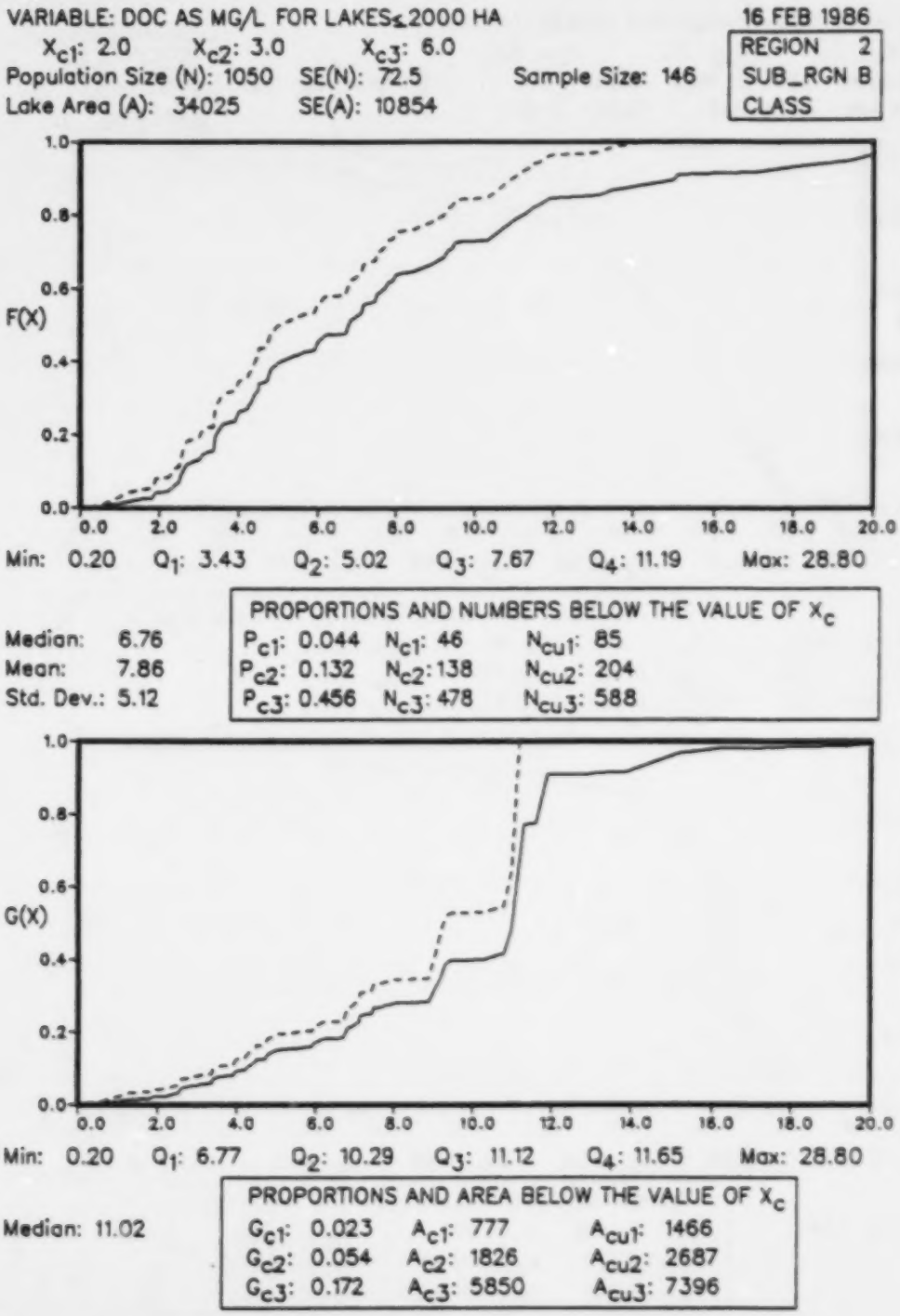


Figure 9-80. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 2B.

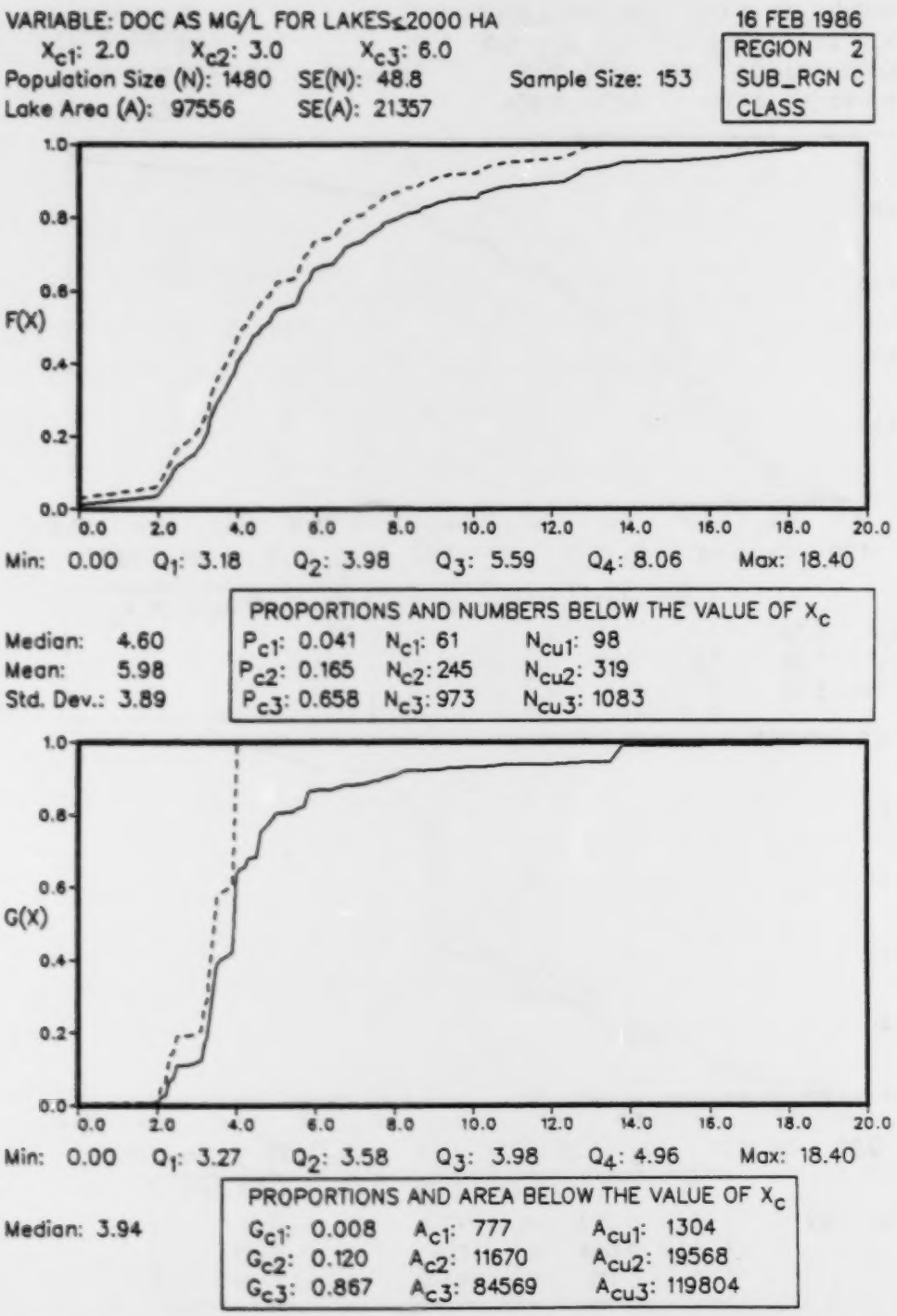


Figure 9-81. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 2C.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

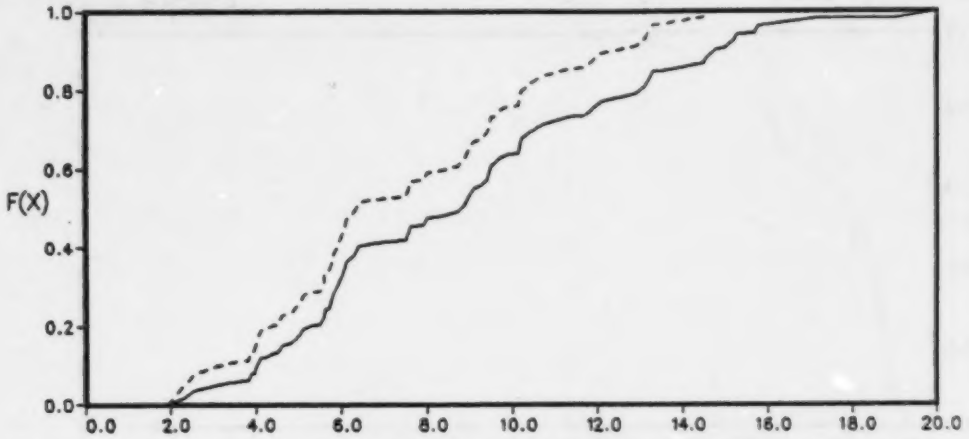
16 FEB 1986

REGION 2
SUB_RGN D
CLASS

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

Population Size (N): 4515 SE(N): 293.9 Sample Size: 141

Lake Area (A): 226896 SE(A): 58202

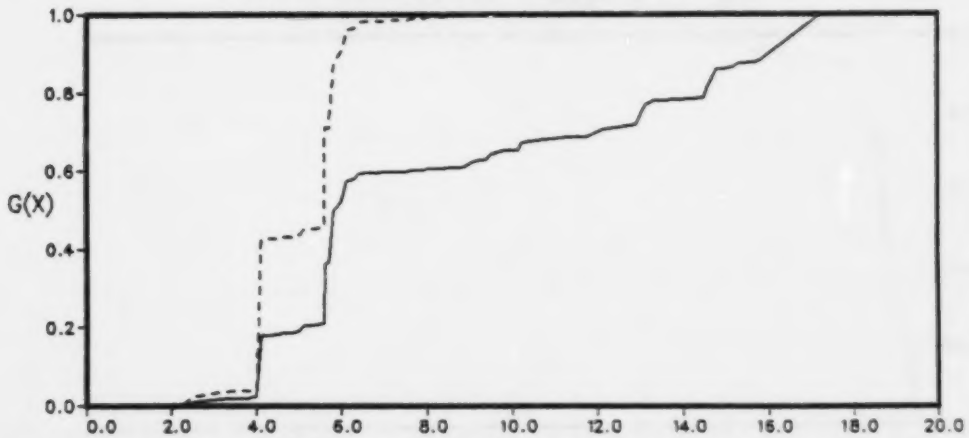


Min: 1.90 Q_1: 5.19 Q_2: 6.38 Q_3: 9.47 Q_4: 12.99 Max: 20.00

Median: 8.77
Mean: 8.92
Std. Dev.: 4.11

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.000	N_{c1}: 2	N_{cu1}: 3
P_{c2}: 0.037	N_{c2}: 167	N_{cu2}: 356
P_{c3}: 0.327	N_{c3}: 1474	N_{cu3}: 1940



Min: 1.90 Q_1: 5.07 Q_2: 5.73 Q_3: 7.54 Q_4: 14.54 Max: 20.00

Median: 5.82

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.000	A_{c1}: 37	A_{cu1}: 73
G_{c2}: 0.011	A_{c2}: 2472	A_{cu2}: 5595
G_{c3}: 0.525	A_{c3}: 119056	A_{cu3}: 205769

Figure 9-82. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 2D.

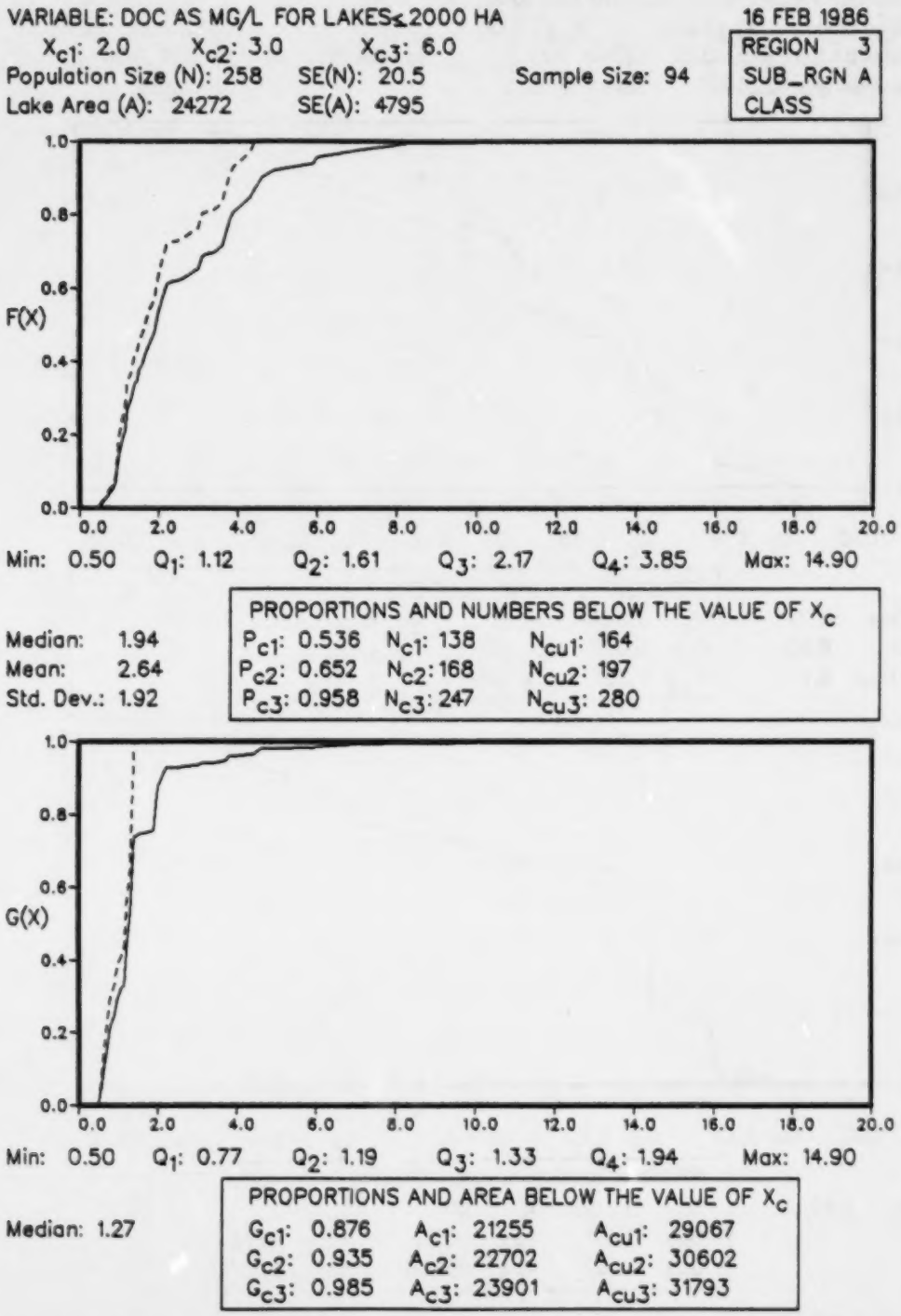


Figure 9-83. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 3A.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

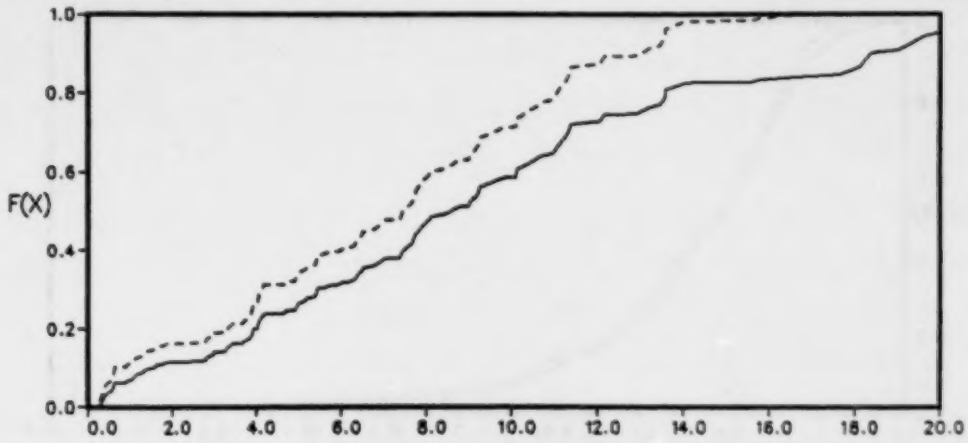
16 FEB 1986

REGION 3
SUB_RGN 8
CLASS

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148

Lake Area (A): 66169 SE(A): 10158

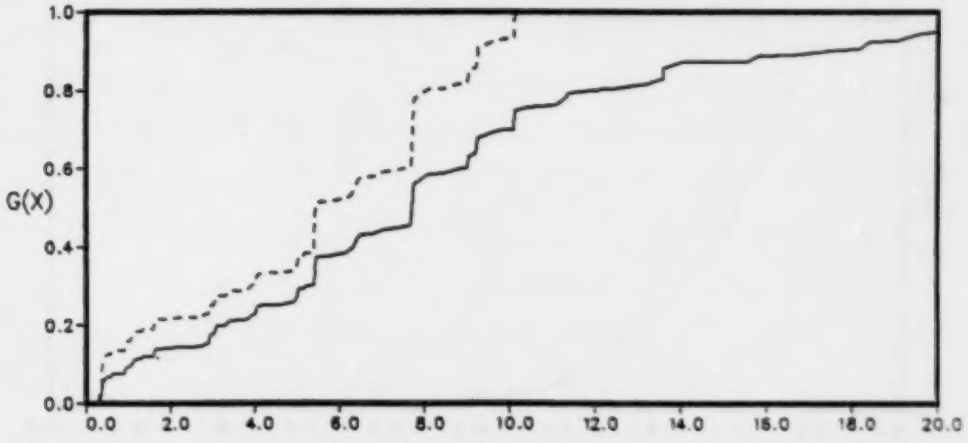


Min: 0.29 Q_1: 4.00 Q_2: 7.46 Q_3: 10.10 Q_4: 13.57 Max: 48.22

Median: 8.60
Mean: 9.65
Std. Dev.: 6.73

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.115	N_{c1}: 242	N_{cu1}: 340
P_{c2}: 0.140	N_{c2}: 293	N_{cu2}: 396
P_{c3}: 0.311	N_{c3}: 653	N_{cu3}: 833



Min: 0.29 Q_1: 3.29 Q_2: 6.32 Q_3: 8.87 Q_4: 12.04 Max: 48.22

Median: 7.72

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.141	A_{c1}: 9327	A_{cu1}: 14289
G_{c2}: 0.177	A_{c2}: 11702	A_{cu2}: 16662
G_{c3}: 0.380	A_{c3}: 25164	A_{cu3}: 34359

Figure 9-84. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 38.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

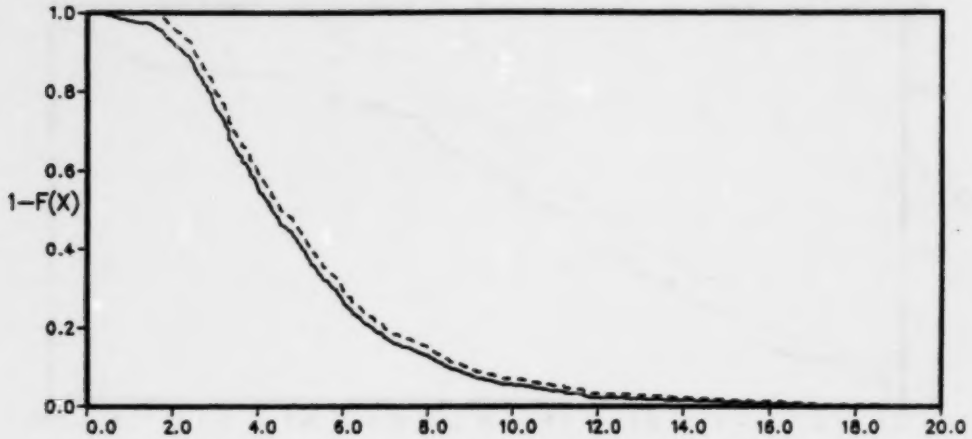
16 FEB 1986

REGION 1
SUB_RGN
CLASS

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763

Lake Area (A): 427864 SE(A): 36414

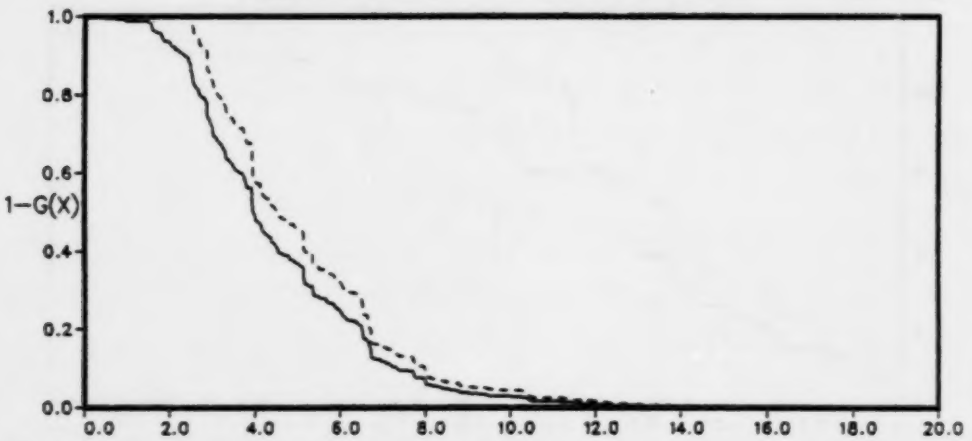


Min: 0.14 Q_1: 2.82 Q_2: 3.78 Q_3: 5.01 Q_4: 6.64 Max: 26.38

Median: 4.30
Mean: 4.95
Std. Dev.: 2.81

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.925	N_{c1}: 6562	N_{cu1}: 6841
P_{c2}: 0.759	N_{c2}: 5387	N_{cu2}: 5677
P_{c3}: 0.264	N_{c3}: 1873	N_{cu3}: 2090



Min: 0.14 Q_1: 2.68 Q_2: 3.64 Q_3: 4.53 Q_4: 6.51 Max: 26.38

Median: 3.93

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.930	A_{c1}: 397967	A_{cu1}: 456663
G_{c2}: 0.717	A_{c2}: 306592	A_{cu2}: 357034
G_{c3}: 0.244	A_{c3}: 104563	A_{cu3}: 136060

Figure 9-85. Population Estimates, Dissolved Organic Carbon (DOC11), Region 1.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

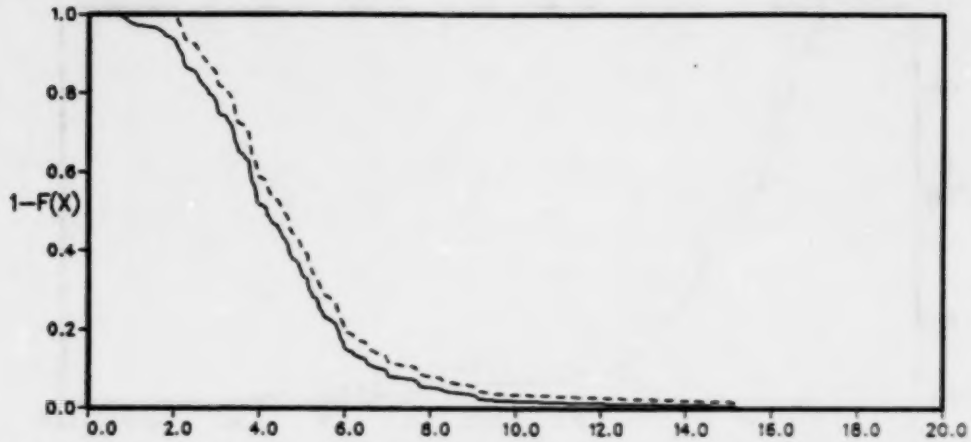
16 FEB 1986

REGION 1
SUB_RGN A
CLASS

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

Population Size (N): 1290 SE(N): 47.6 Sample Size: 155

Lake Area (A): 118776 SE(A): 22186

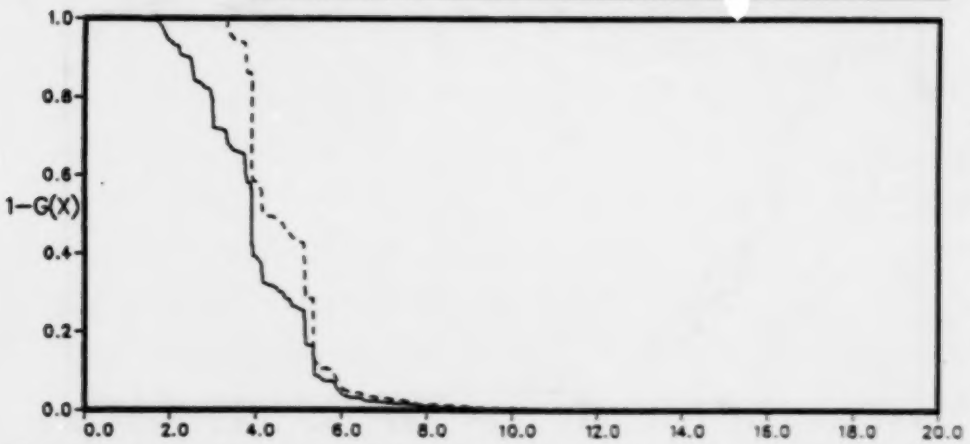


Min: 0.67 Q_1: 2.77 Q_2: 3.77 Q_3: 4.68 Q_4: 5.80 Max: 15.14

Median: 4.15
Mean: 4.42
Std. Dev.: 2.05

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.926	N_{c1}: 1195	N_{cu1}: 1279
P_{c2}: 0.775	N_{c2}: 1000	N_{cu2}: 1091
P_{c3}: 0.149	N_{c3}: 192	N_{cu3}: 249



Min: 0.67 Q_1: 2.91 Q_2: 3.77 Q_3: 3.93 Q_4: 5.13 Max: 15.14

Median: 3.90

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.937	A_{c1}: 111259	A_{cu1}: 147448
G_{c2}: 0.790	A_{c2}: 93805	A_{cu2}: 128715
G_{c3}: 0.038	A_{c3}: 4493	A_{cu3}: 6347

Figure 9-86. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 1A.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

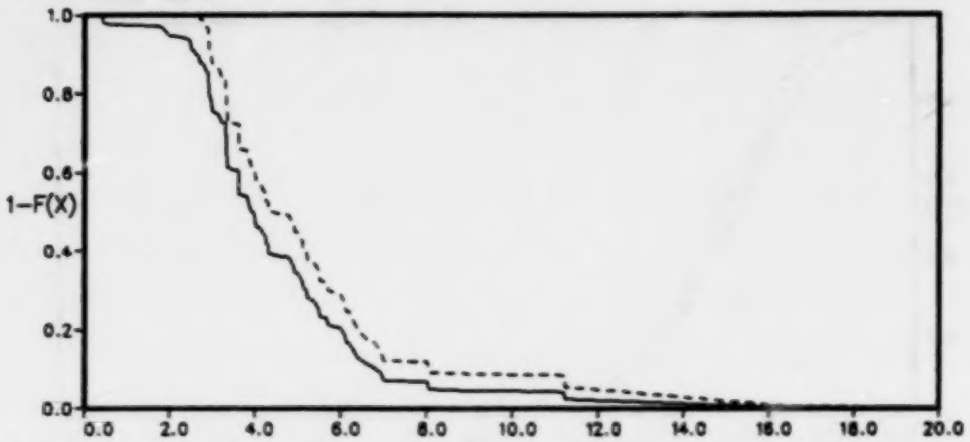
16 FEB 1986

REGION 1
SUB_RGN B
CLASS

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

Population Size (N): 1479 SE(N): 92.9 Sample Size: 143

Lake Area (A): 26872 SE(A): 2913

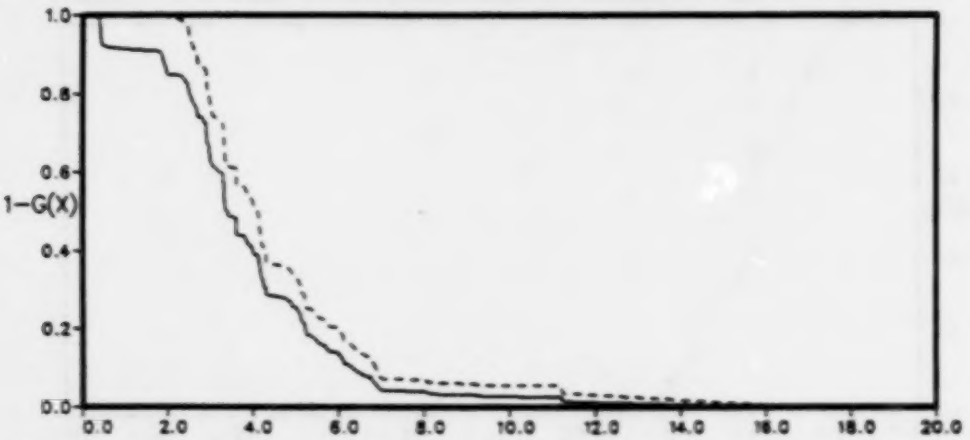


Min: 0.24 Q_1: 2.90 Q_2: 3.55 Q_3: 4.29 Q_4: 5.97 Max: 20.03

Median: 3.84
Mean: 4.47
Std. Dev.: 2.23

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.946	N_{c1}: 1400	N_{cu1}: 1558
P_{c2}: 0.756	N_{c2}: 1118	N_{cu2}: 1291
P_{c3}: 0.186	N_{c3}: 274	N_{cu3}: 398



Min: 0.24 Q_1: 2.48 Q_2: 3.14 Q_3: 3.95 Q_4: 5.19 Max: 20.03

Median: 3.36

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.849	A_{c1}: 22816	A_{cu1}: 26635
G_{c2}: 0.634	A_{c2}: 17026	A_{cu2}: 20493
G_{c3}: 0.121	A_{c3}: 3247	A_{cu3}: 4857

Figure 9-87. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 1B.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

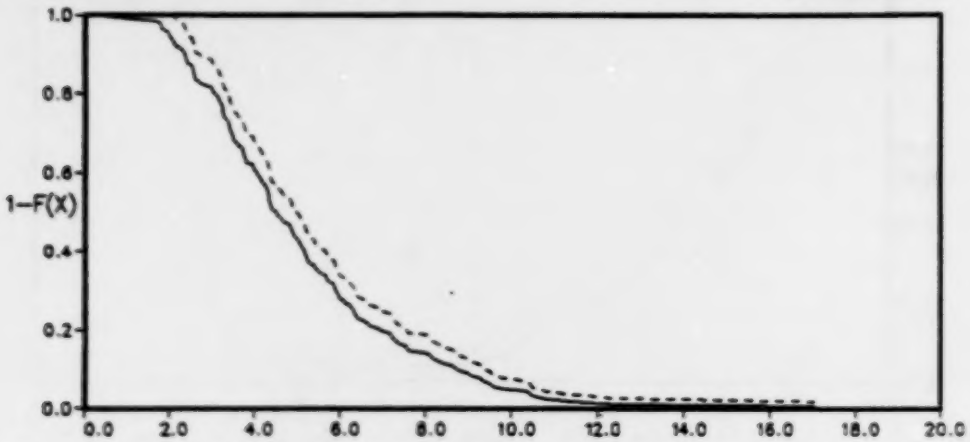
16 FEB 1986

REGION 1
SUB_RGN C
CLASS

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

Population Size (N): 1483 SE(N): 57.5 Sample Size: 163

Lake Area (A): 72412 SE(A): 12013

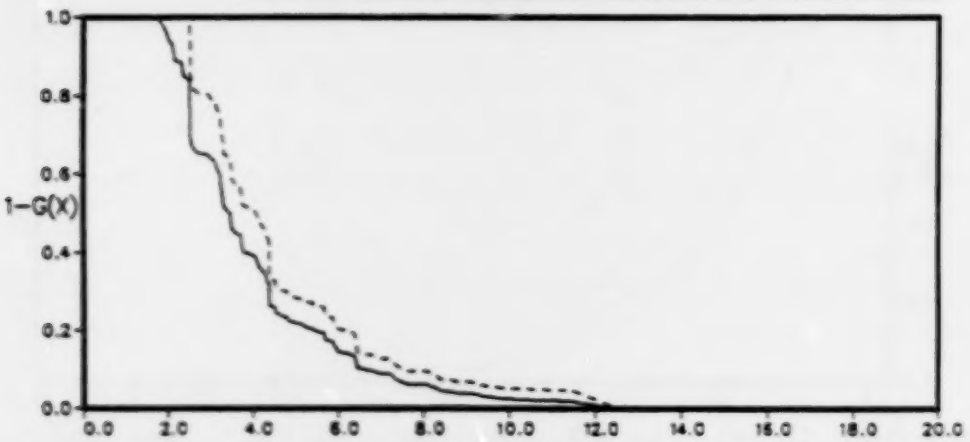


Min: 0.14 Q_1: 3.00 Q_2: 3.99 Q_3: 5.13 Q_4: 6.82 Max: 17.05

Median: 4.42
Mean: 5.03
Std. Dev.: 2.56

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.946	N_{c1}: 1402	N_{cu1}: 1500
P_{c2}: 0.805	N_{c2}: 1194	N_{cu2}: 1300
P_{c3}: 0.275	N_{c3}: 408	N_{cu3}: 494



Min: 0.14 Q_1: 2.45 Q_2: 3.16 Q_3: 3.78 Q_4: 5.38 Max: 17.05

Median: 3.45

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.949	A_{c1}: 68688	A_{cu1}: 88272
G_{c2}: 0.640	A_{c2}: 46365	A_{cu2}: 57379
G_{c3}: 0.143	A_{c3}: 10353	A_{cu3}: 14556

Figure 9-88. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 1C.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

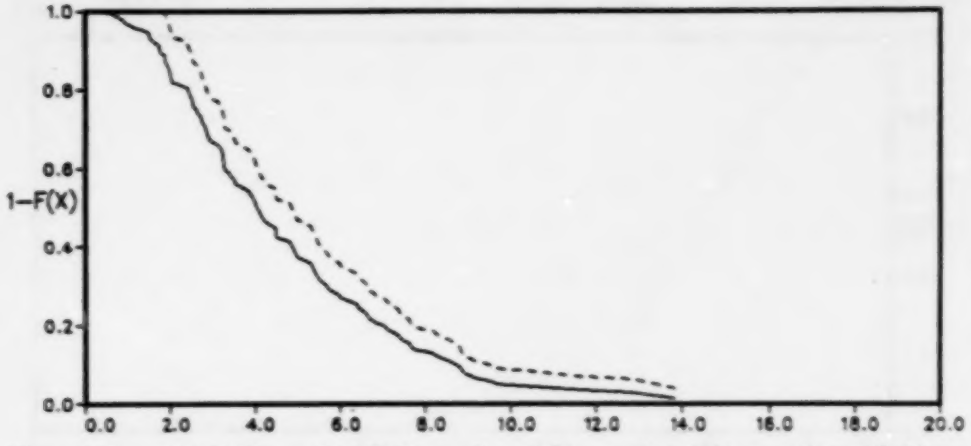
16 FEB 1986

REGION 1
SUB_RGN D
CLASS

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

Population Size (N): 1318 SE(N): 93.7 Sample Size: 126

Lake Area (A): 36403 SE(A): 4381

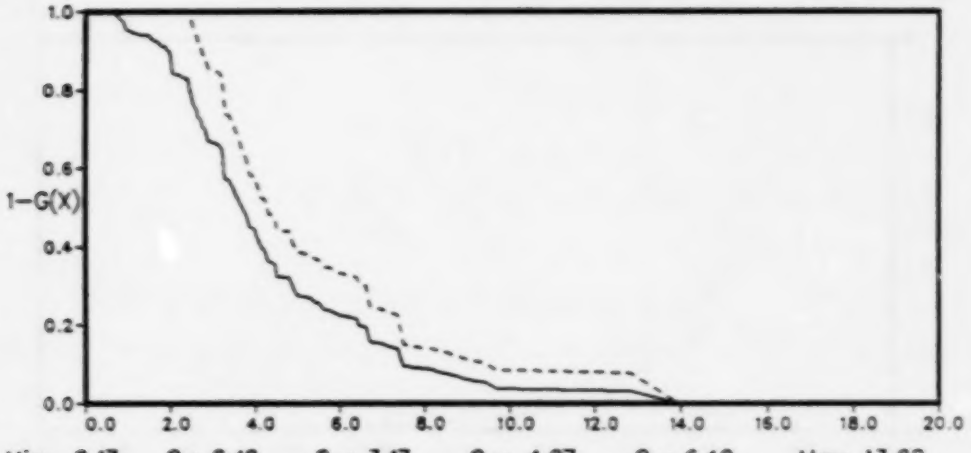


Min: 0.17 Q_1: 2.34 Q_2: 3.19 Q_3: 4.70 Q_4: 6.81 Max: 13.82

Median: 3.98
Mean: 4.64
Std. Dev.: 2.79

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.839 N_{c1}: 1106 N_{cu1}: 1259
P_{c2}: 0.664 N_{c2}: 875 N_{cu2}: 1022
P_{c3}: 0.270 N_{c3}: 356 N_{cu3}: 462



Min: 0.17 Q_1: 2.42 Q_2: 3.17 Q_3: 4.07 Q_4: 6.40 Max: 13.82

Median: 3.51

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.882 A_{c1}: 32126 A_{cu1}: 39234
G_{c2}: 0.665 A_{c2}: 24217 A_{cu2}: 30909
G_{c3}: 0.224 A_{c3}: 8167 A_{cu3}: 12070

Figure 9-89. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 1D.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

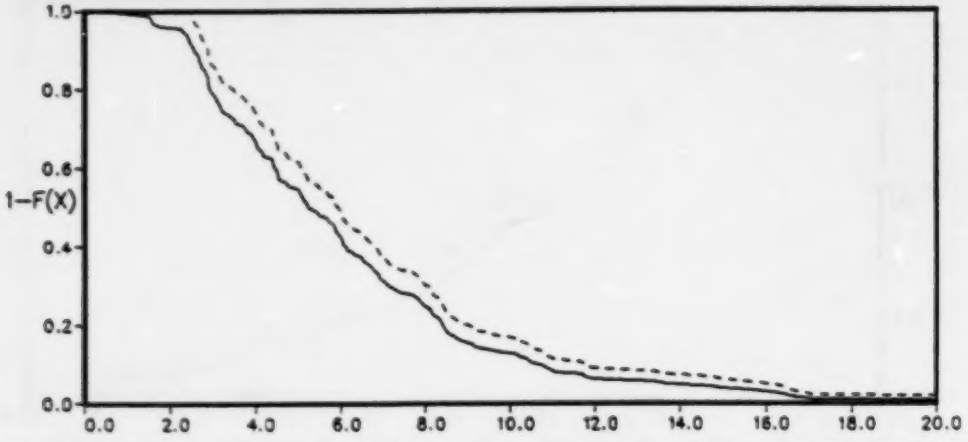
16 FEB 1986

REGION 1
SUB_RGN E
CLASS

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

Population Size (N): 1526 SE(N): 66.0 Sample Size: 176

Lake Area (A): 173400 SE(A): 25725

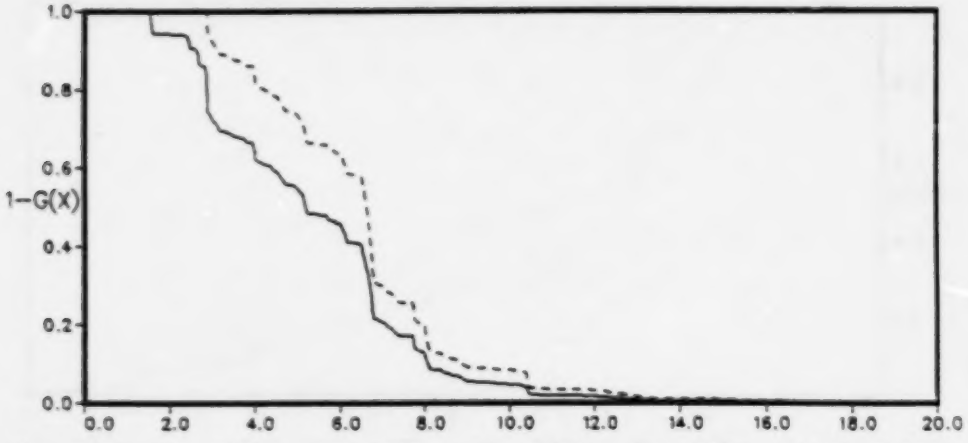


Min: 0.22 Q_1: 2.90 Q_2: 4.42 Q_3: 6.05 Q_4: 8.37 Max: 26.38

Median: 5.20
Mean: 6.05
Std. Dev.: 3.68

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.956 N_{c1}: 1459 N_{cu1}: 1569
P_{c2}: 0.786 N_{c2}: 1200 N_{cu2}: 1313
P_{c3}: 0.421 N_{c3}: 643 N_{cu3}: 743



Min: 0.22 Q_1: 2.84 Q_2: 4.38 Q_3: 6.43 Q_4: 6.96 Max: 26.38

Median: 5.12

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.940 A_{c1}: 163079 A_{cu1}: 204151
G_{c2}: 0.722 A_{c2}: 125178 A_{cu2}: 159055
G_{c3}: 0.452 A_{c3}: 78303 A_{cu3}: 109175

Figure 9-90. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 1E.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

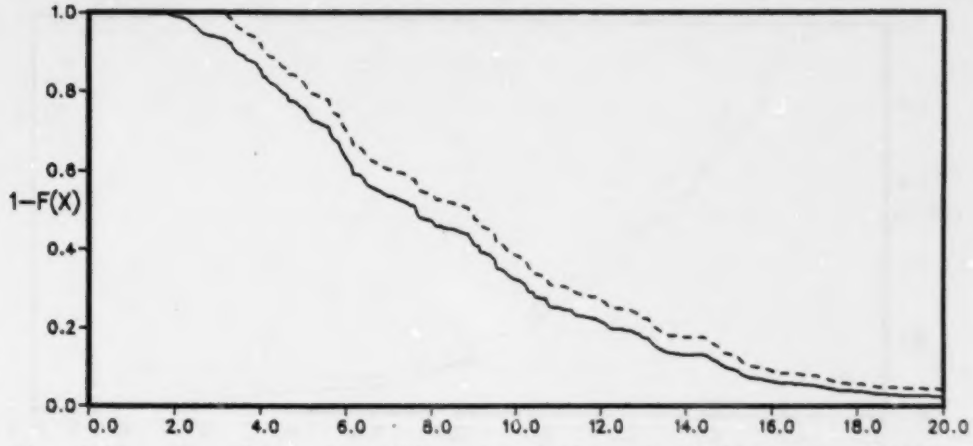
16 FEB 1986

REGION 2
SUB_RGN
CLASS

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587

Lake Area (A): 501457 SE(A): 73306

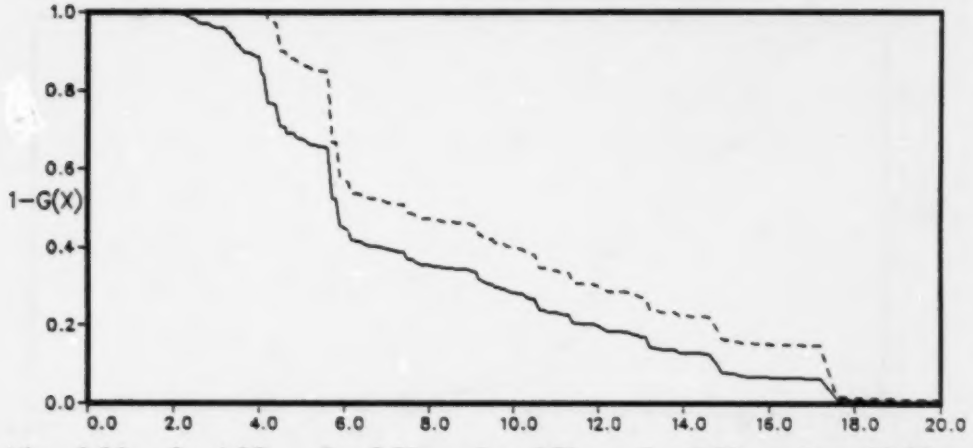


Min: 0.00 Q_1: 4.38 Q_2: 6.06 Q_3: 9.05 Q_4: 12.06 Max: 28.80

Median: 7.53
Mean: 8.42
Std. Dev.: 4.48

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.988 N_{c1}: 8399 N_{cu1}: 8919
P_{c2}: 0.936 N_{c2}: 7958 N_{cu2}: 8497
P_{c3}: 0.629 N_{c3}: 5351 N_{cu3}: 5938



Min: 0.00 Q_1: 4.08 Q_2: 5.59 Q_3: 6.79 Q_4: 11.82 Max: 28.80

Median: 5.74

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.997 A_{c1}: 300061 A_{cu1}: 620658
G_{c2}: 0.961 A_{c2}: 481668 A_{cu2}: 602287
G_{c3}: 0.450 A_{c3}: 225616 A_{cu3}: 287467

Figure 9-91. Population Estimates, Dissolved Organic Carbon (DOC11), Region 2.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

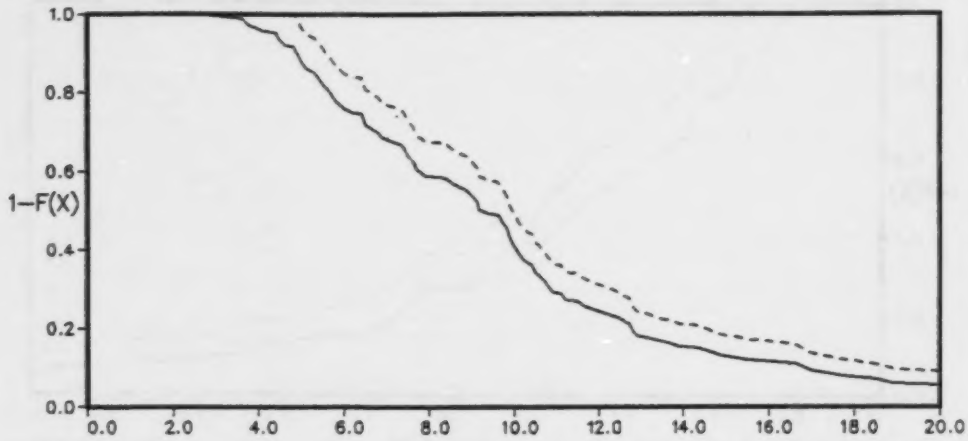
16 FEB 1986

REGION 2
SUB_RGN A
CLASS

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

Population Size (N): 1457 SE(N): 74.3 Sample Size: 147

Lake Area (A): 142979 SE(A): 37582

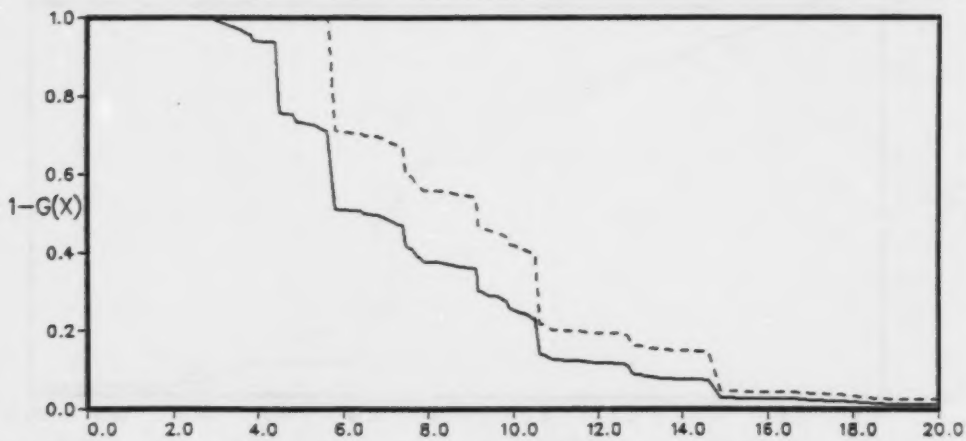


Min: 1.10 Q_1: 5.53 Q_2: 7.63 Q_3: 9.94 Q_4: 12.66 Max: 23.70

Median: 9.15
Mean: 9.75
Std. Dev.: 4.62

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.998	N_{c1}: 1454	N_{cu1}: 1576
P_{c2}: 0.988	N_{c2}: 1440	N_{cu2}: 1562
P_{c3}: 0.760	N_{c3}: 1107	N_{cu3}: 1238



Min: 1.10 Q_1: 4.38 Q_2: 5.56 Q_3: 7.56 Q_4: 10.47 Max: 23.70

Median: 6.39

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 1.000	A_{c1}: 142915	A_{cu1}: 204738
G_{c2}: 0.969	A_{c2}: 138553	A_{cu2}: 200198
G_{c3}: 0.509	A_{c3}: 72732	A_{cu3}: 101387

Figure 9-92. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 2A.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

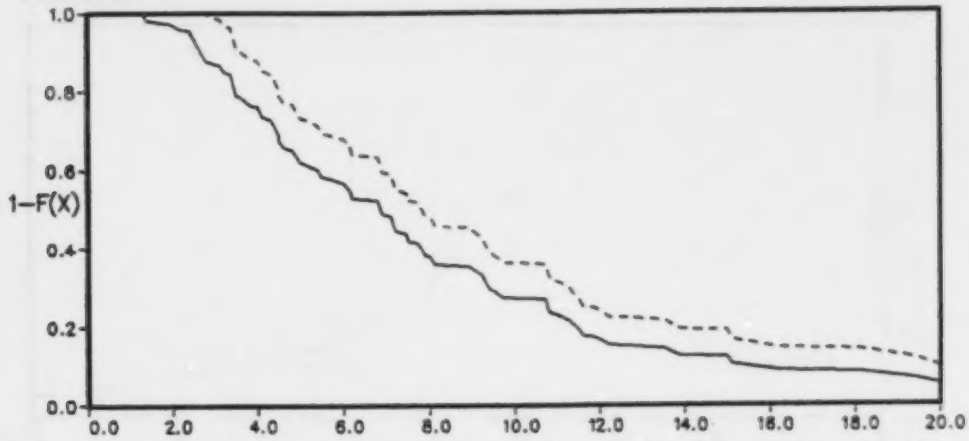
16 FEB 1986

REGION 2
SUB_RGN B
CLASS

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

Population Size (N): 1050 SE(N): 72.5 Sample Size: 146

Lake Area (A): 34025 SE(A): 10854

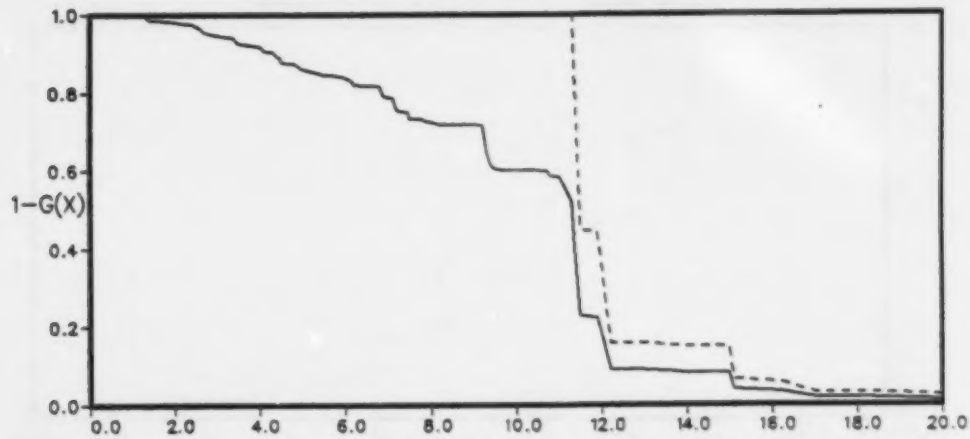


Min: 0.20 Q_1: 3.43 Q_2: 5.02 Q_3: 7.67 Q_4: 11.19 Max: 28.80

Median: 6.76
Mean: 7.86
Std. Dev.: 5.12

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.956	N_{c1}: 1004	N_{cu1}: 1125
P_{c2}: 0.871	N_{c2}: 914	N_{cu2}: 1037
P_{c3}: 0.567	N_{c3}: 595	N_{cu3}: 713



Min: 0.20 Q_1: 6.77 Q_2: 10.29 Q_3: 11.12 Q_4: 11.65 Max: 28.80

Median: 11.02

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.977	A_{c1}: 33249	A_{cu1}: 51123
G_{c2}: 0.947	A_{c2}: 32222	A_{cu2}: 50119
G_{c3}: 0.840	A_{c3}: 28590	A_{cu3}: 46581

Figure 9-93. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 2B.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

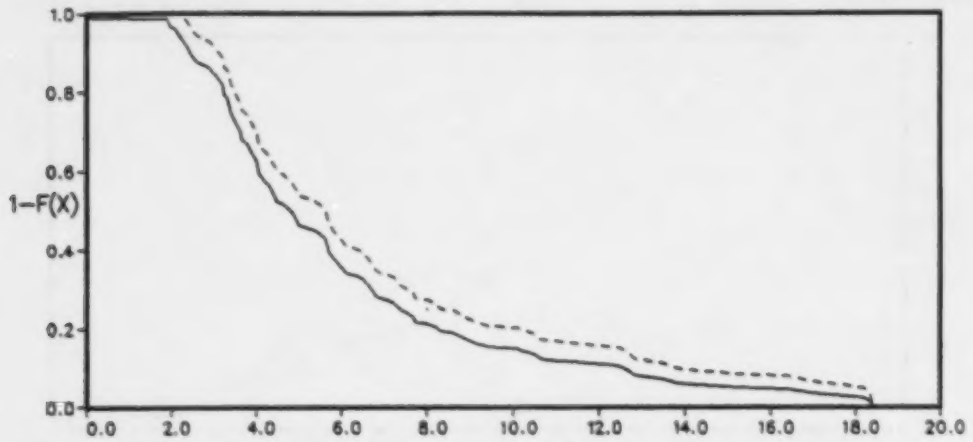
16 FEB 1986

REGION 2
SUB_RGN C
CLASS

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

Population Size (N): 1480 SE(N): 48.8 Sample Size: 153

Lake Area (A): 97556 SE(A): 21357

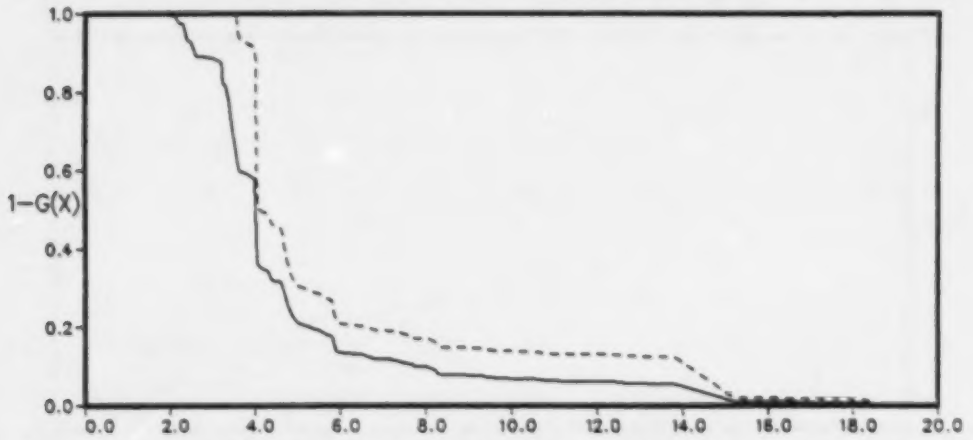


Min: 0.00 Q_1: 3.18 Q_2: 3.98 Q_3: 5.59 Q_4: 8.06 Max: 18.40

Median: 4.60
Mean: 5.98
Std. Dev.: 3.89

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.965	N_{c1}: 1427	N_{cu1}: 1513
P_{c2}: 0.849	N_{c2}: 1256	N_{cu2}: 1355
P_{c3}: 0.342	N_{c3}: 507	N_{cu3}: 609



Min: 0.00 Q_1: 3.27 Q_2: 3.58 Q_3: 3.98 Q_4: 4.96 Max: 18.40

Median: 3.94

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.995	A_{c1}: 97038	A_{cu1}: 132186
G_{c2}: 0.886	A_{c2}: 86470	A_{cu2}: 121511
G_{c3}: 0.133	A_{c3}: 12988	A_{cu3}: 20160

Figure 9-94. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 2C.

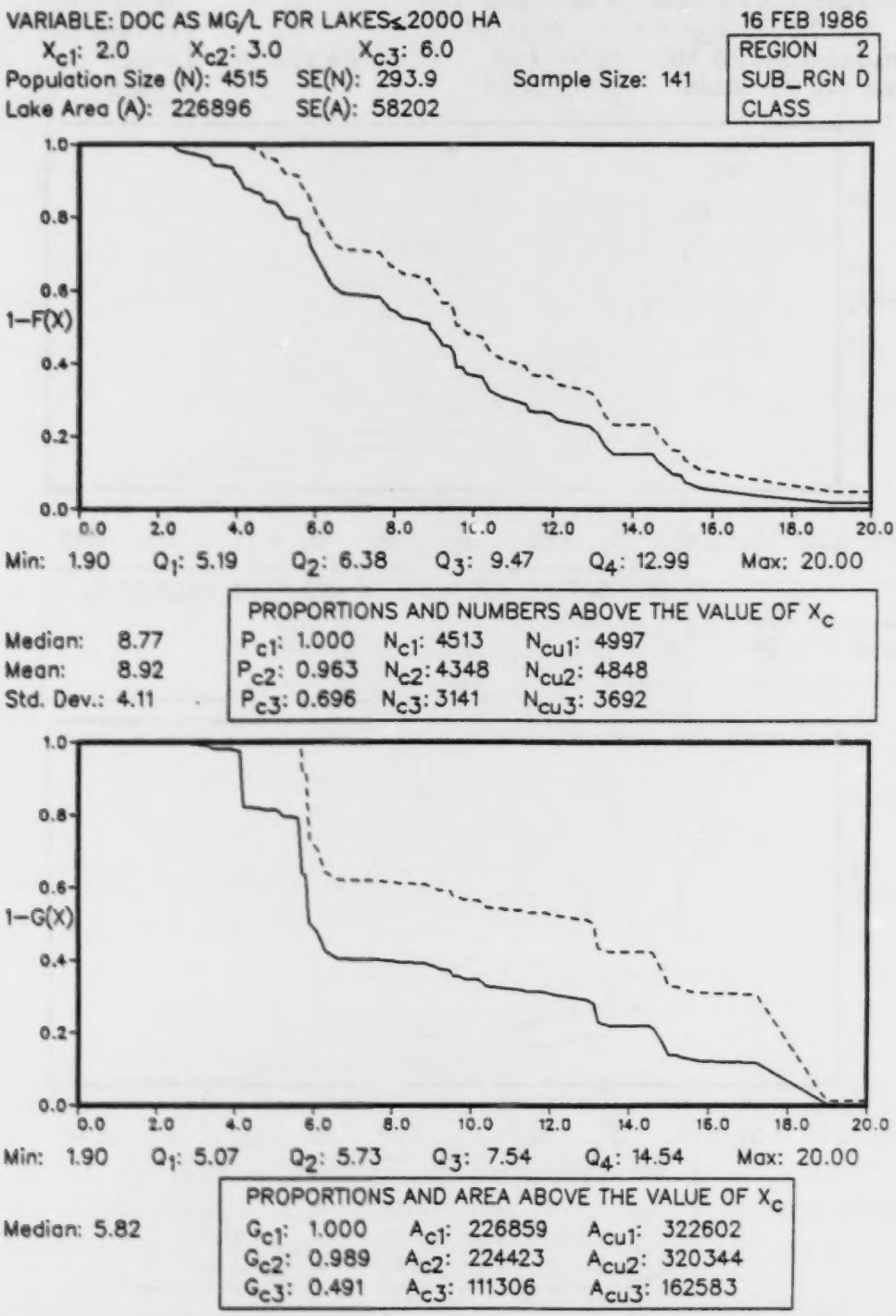


Figure 9-95. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 2D.

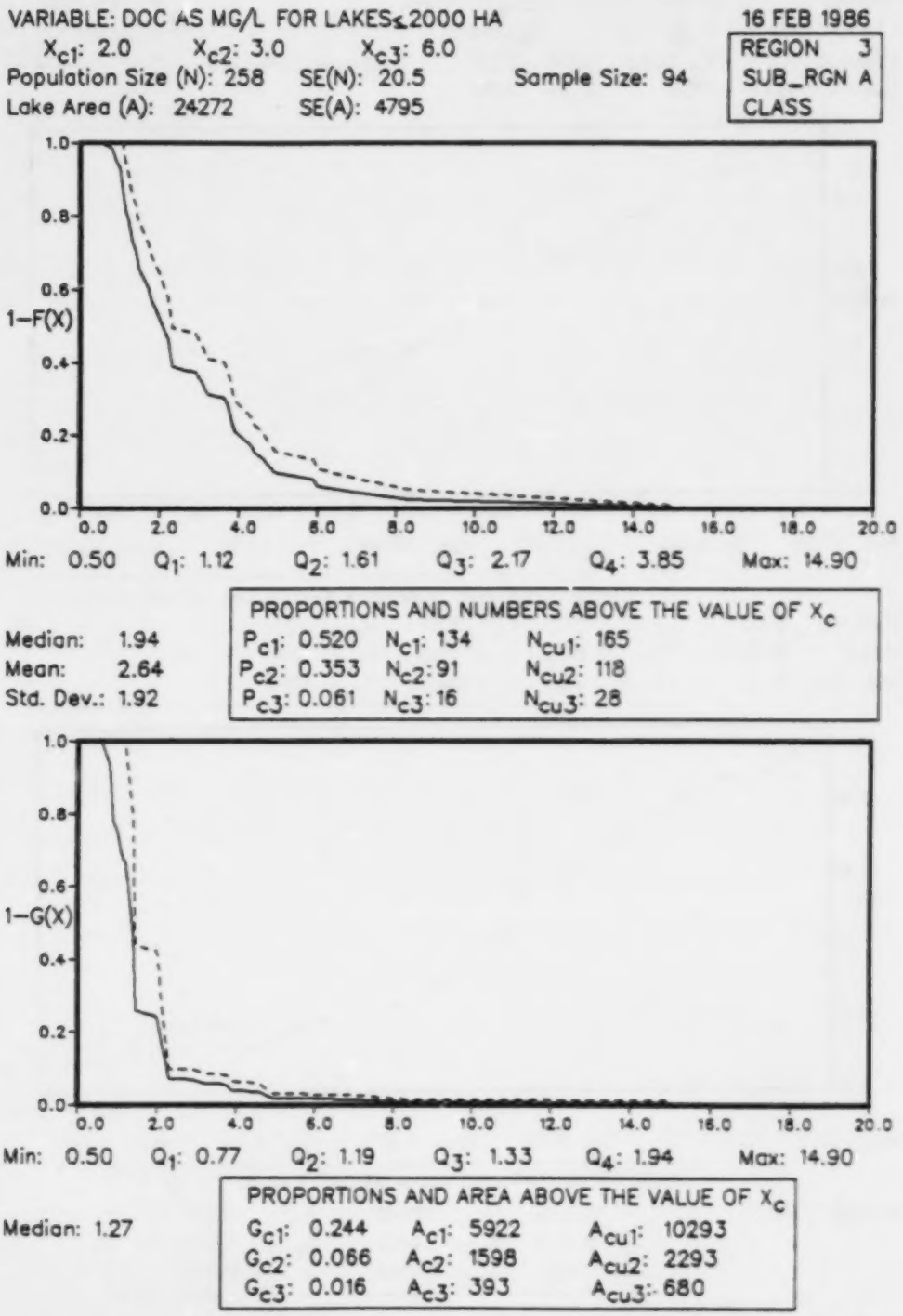


Figure 9-96. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 3A.

VARIABLE: DOC AS MG/L FOR LAKES≤2000 HA

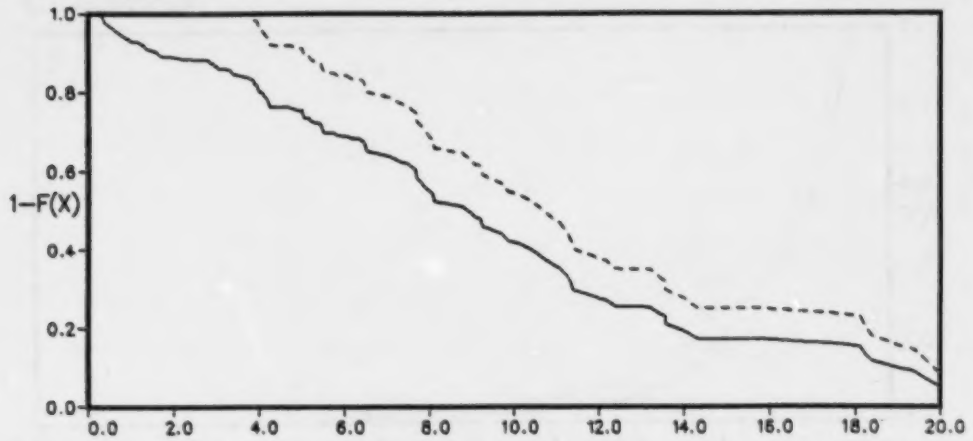
16 FEB 1986

REGION 3
SUB_RGN 8
CLASS

X_{c1}: 2.0 X_{c2}: 3.0 X_{c3}: 6.0

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148

Lake Area (A): 66169 SE(A): 10158

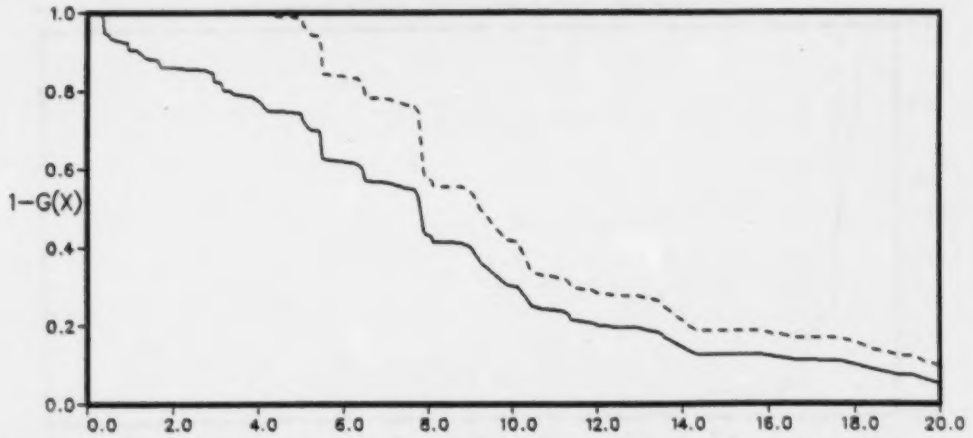


Min: 0.29 Q_1: 4.00 Q_2: 7.46 Q_3: 10.10 Q_4: 13.57 Max: 48.22

Median: 8.60
Mean: 9.65
Std. Dev.: 6.73

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.885	N_{c1}: 1857	N_{cu1}: 2201
P_{c2}: 0.860	N_{c2}: 1805	N_{cu2}: 2148
P_{c3}: 0.689	N_{c3}: 1445	N_{cu3}: 1766



Min: 0.29 Q_1: 3.29 Q_2: 6.32 Q_3: 8.87 Q_4: 12.04 Max: 48.22

Median: 7.72

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.859	A_{c1}: 56842	A_{cu1}: 72961
G_{c2}: 0.823	A_{c2}: 54467	A_{cu2}: 70588
G_{c3}: 0.620	A_{c3}: 41004	A_{cu3}: 55386

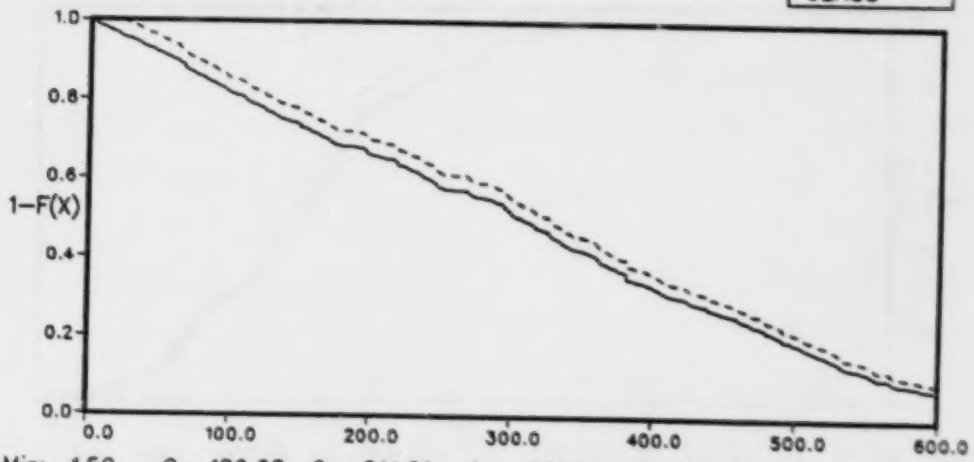
Figure 9-97. Population Estimates, Dissolved Organic Carbon (DOC11), Subregion 3B.

VARIABLE: ELEVATION IN M FOR LAKES ≤2000 HA

16 FEB 1986

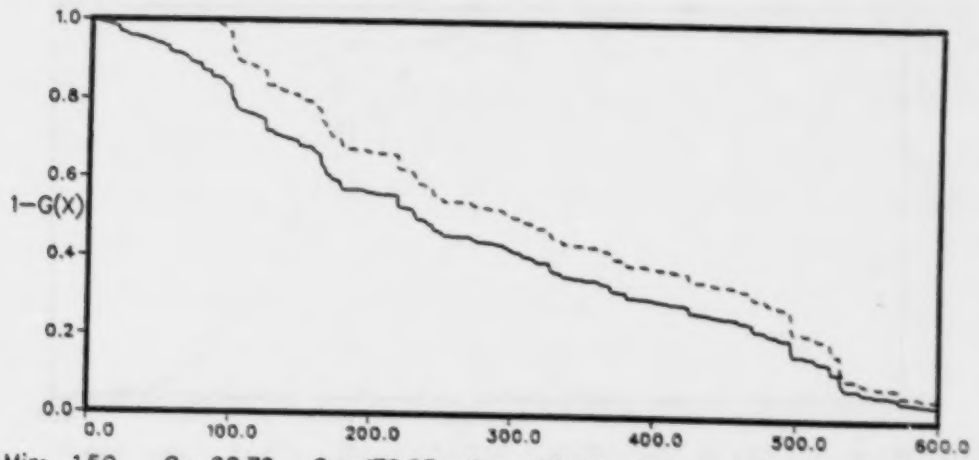
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 1.50 Q_1: 109.68 Q_2: 241.39 Q_3: 361.01 Q_4: 490.99 Max: 1582.00

Median: 307.19
Mean: 319.83
Std. Dev.: 223.72



Min: 1.50 Q_1: 98.70 Q_2: 170.23 Q_3: 313.90 Q_4: 493.92 Max: 1582.00

Median: 229.99

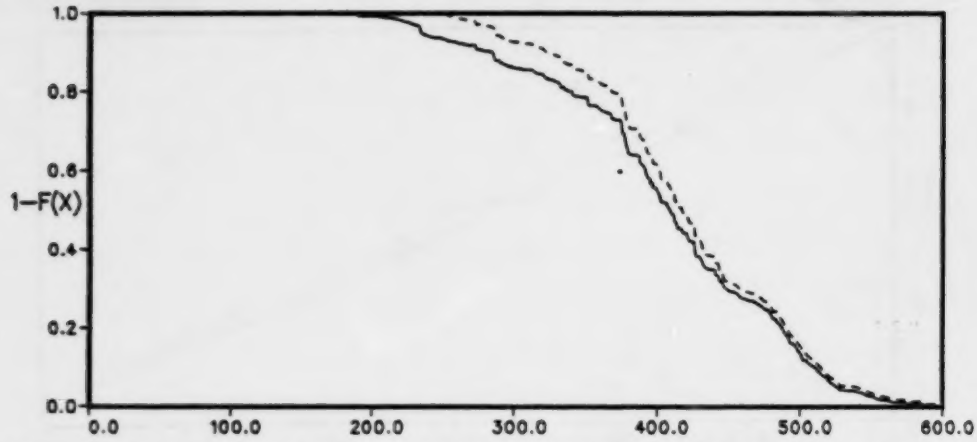
Figure 9-98. Population Estimates, Elevation, Lake (ELEV), Region 1.

VARIABLE: ELEVATION IN M FOR LAKES ≤2000 HA

16 FEB 1986

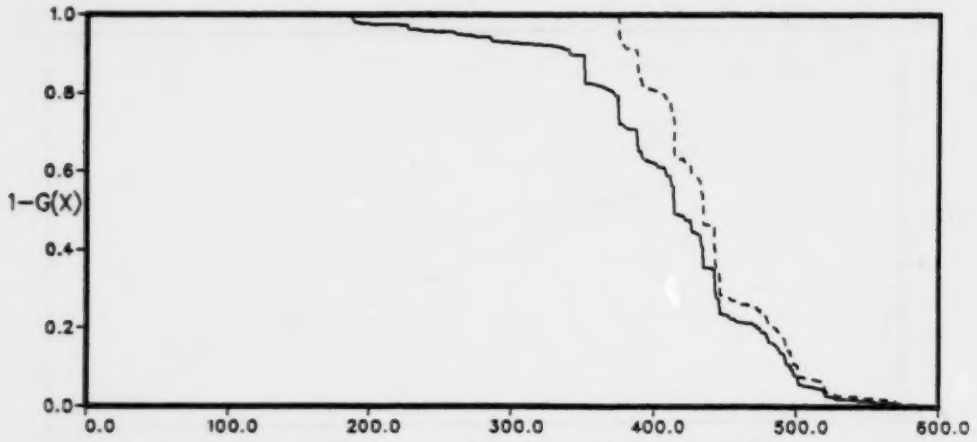
REGION 2
SUB_RGN
CLASS

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 184.40 Q_1: 339.26 Q_2: 390.20 Q_3: 425.60 Q_4: 487.06 Max: 594.40

Median: 408.31
Mean: 404.81
Std. Dev.: 85.04



Min: 184.40 Q_1: 369.40 Q_2: 407.24 Q_3: 433.79 Q_4: 473.13 Max: 594.40

Median: 413.54

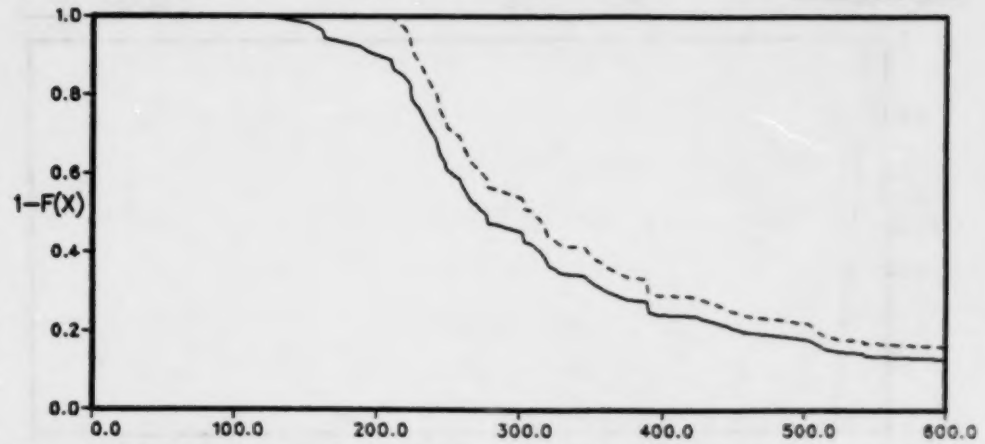
Figure 9-99. Population Estimates, Elevation, Lake (ELEV), Region 2.

VARIABLE: ELEVATION IN M FOR LAKES ≤2000 HA

16 FEB 1986

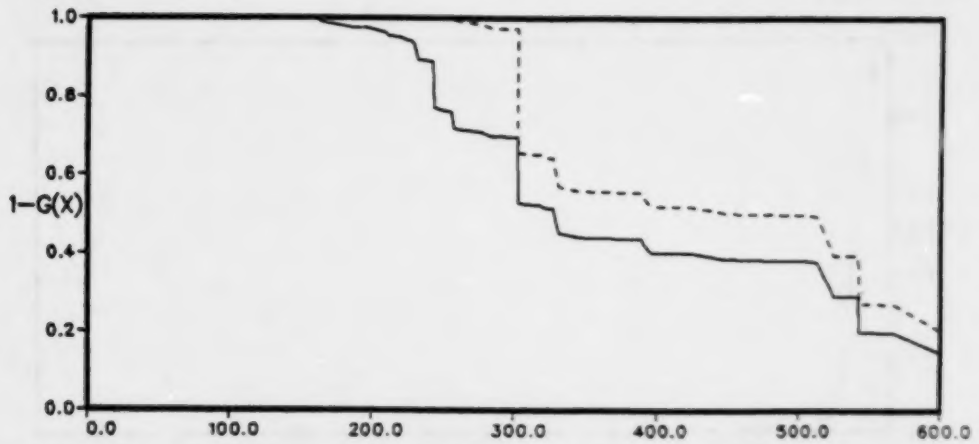
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 122.50 Q_1: 221.38 Q_2: 247.71 Q_3: 309.70 Q_4: 453.76 Max: 1103.40

Median: 264.51
Mean: 358.39
Std. Dev.: 215.02



Min: 122.50 Q_1: 241.71 Q_2: 301.50 Q_3: 424.13 Q_4: 542.37 Max: 1103.40

Median: 325.36

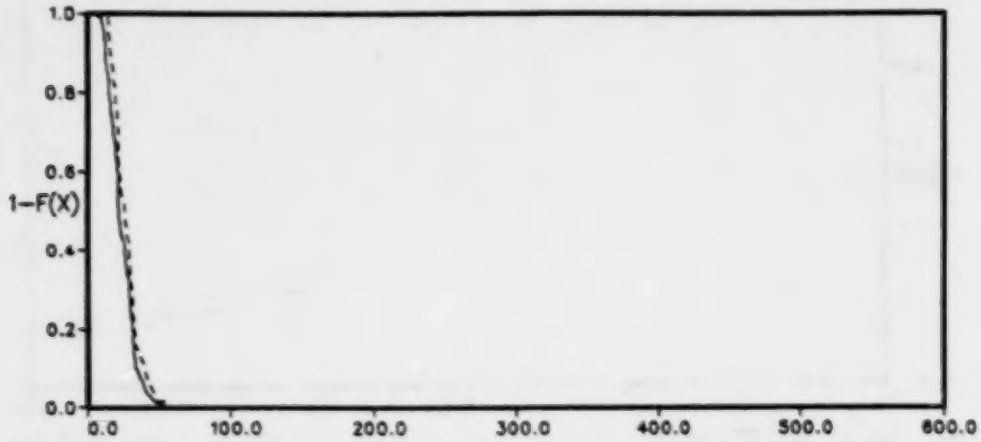
Figure 9-100. Population Estimates, Elevation, Lake (ELEV), Subregion 3A.

VARIABLE: ELEVATION IN M FOR LAKES ≤2000 HA

16 FEB 1986

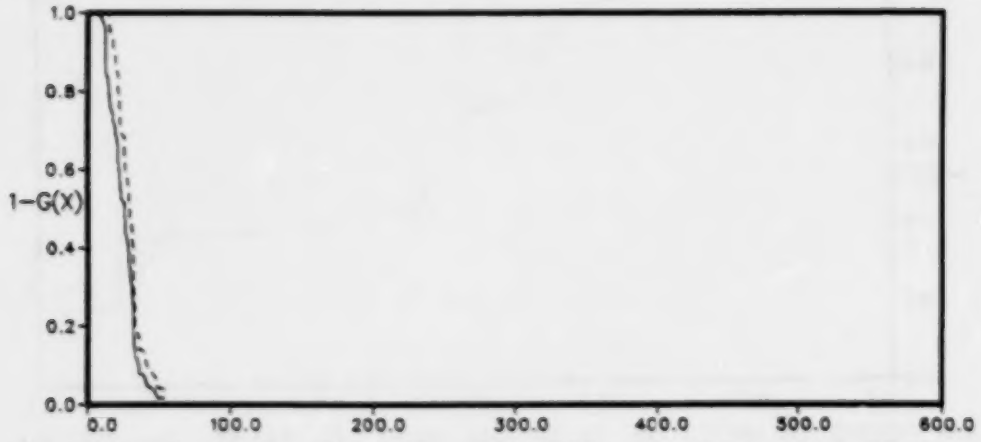
REGION 3
SUB_RGN 8
CLASS

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10158



Min: 7.00 Q_1: 14.63 Q_2: 20.29 Q_3: 25.65 Q_4: 30.95 Max: 53.30

Median: 21.19
Mean: 23.37
Std. Dev.: 8.77



Min: 7.00 Q_1: 14.62 Q_2: 21.55 Q_3: 27.96 Q_4: 31.92 Max: 53.30

Median: 25.66

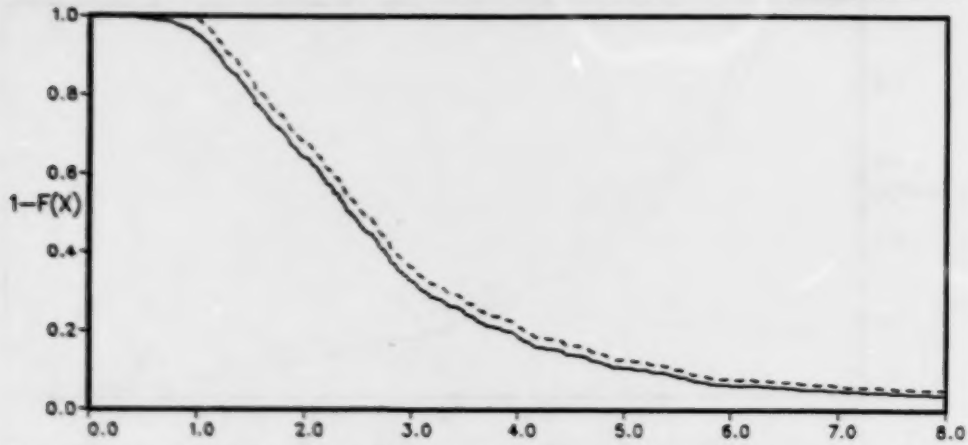
Figure 9-101 Population Estimates, Elevation, Lake (ELEV), Subregion 3B.

VARIABLE: FLUORIDE AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

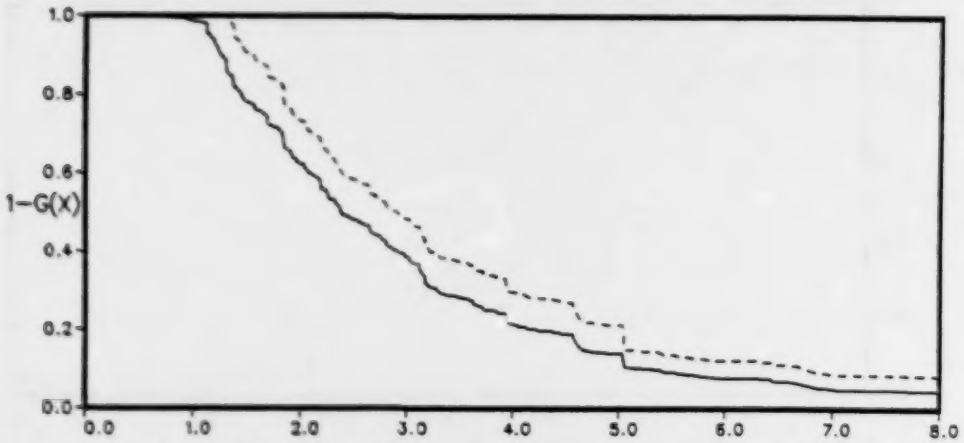
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 0.16 Q_1: 1.49 Q_2: 2.14 Q_3: 2.73 Q_4: 3.89 Max: 30.88

Median: 2.40
Mean: 3.03
Std. Dev.: 2.62



Min: 0.16 Q_1: 1.43 Q_2: 2.09 Q_3: 2.90 Q_4: 4.23 Max: 30.88

Median: 2.38

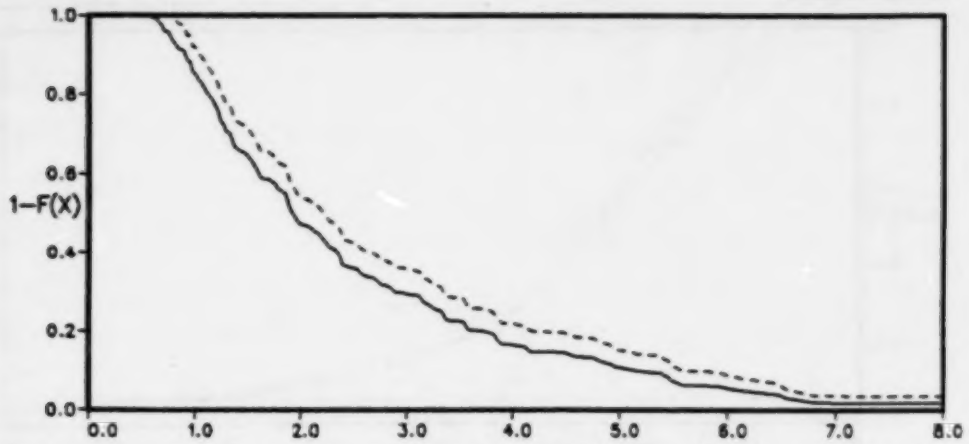
Figure 9-102. Population Estimates, Fluoride (FTL16), Region 1.

VARIABLE: FLUORIDE AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

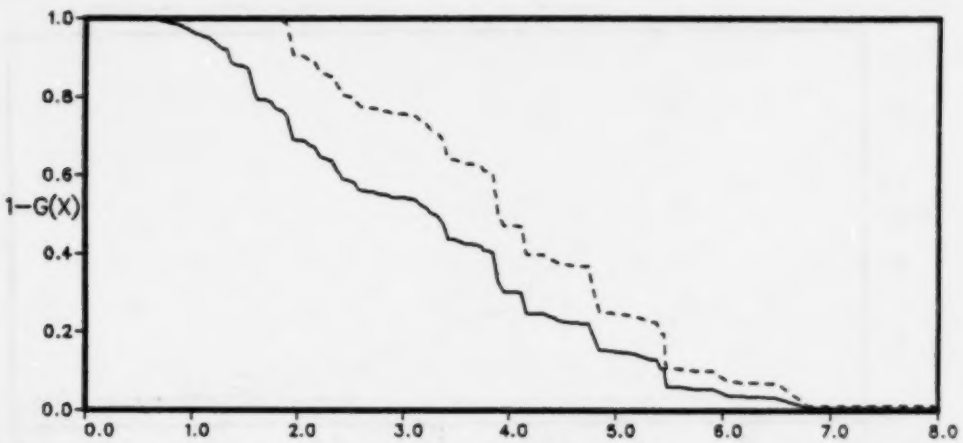
REGION 2
SUB_RGN
CLASS

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 0.47 Q_1: 1.07 Q_2: 1.55 Q_3: 2.30 Q_4: 3.63 Max: 24.42

Median: 1.86
Mean: 2.51
Std. Dev.: 1.98



Min: 0.47 Q_1: 1.56 Q_2: 2.38 Q_3: 3.82 Q_4: 4.70 Max: 24.42

Median: 3.23

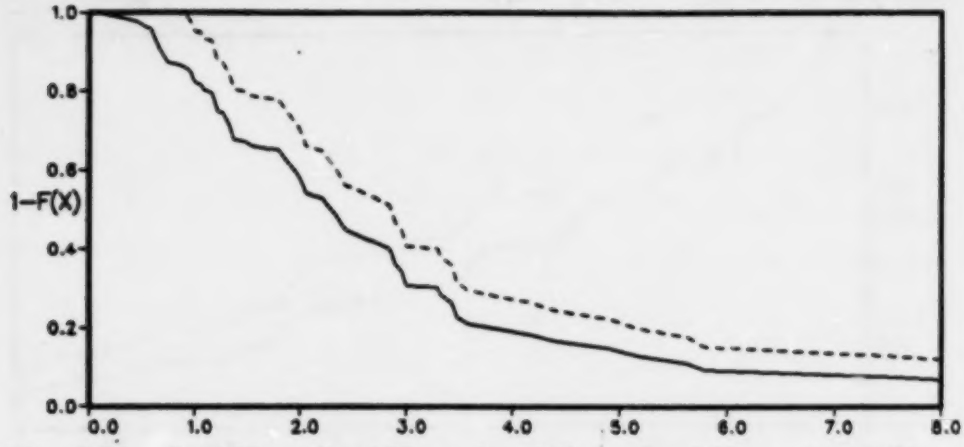
Figure 9-103. Population Estimates, Fluoride (FTL18), Region 2.

VARIABLE: FLUORIDE AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

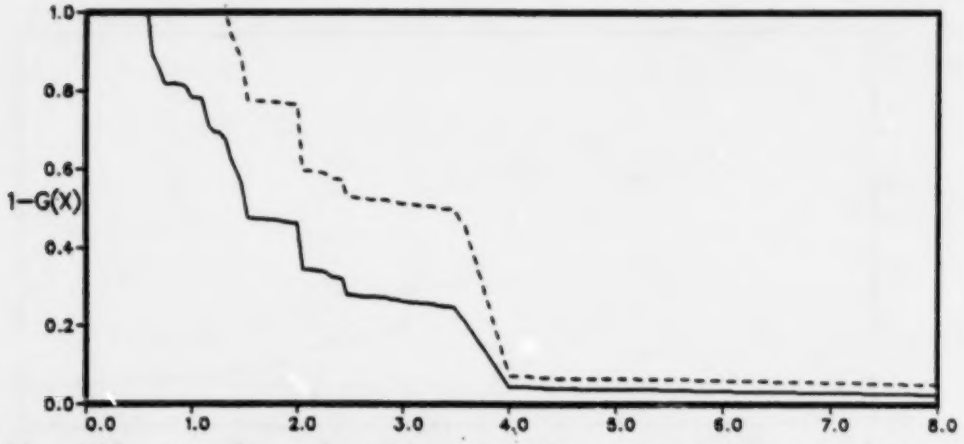
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 0.05 Q_1: 1.08 Q_2: 1.88 Q_3: 2.69 Q_4: 3.53 Max: 9.69

Median: 2.23
Mean: 2.77
Std. Dev.: 2.19



Min: 0.05 Q_1: 0.91 Q_2: 1.34 Q_3: 1.98 Q_4: 3.48 Max: 9.69

Median: 1.45

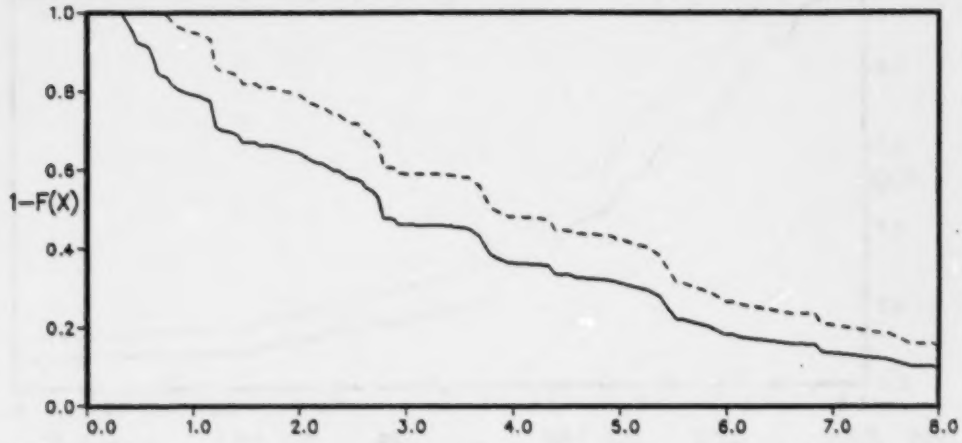
Figure 9-104. Population Estimates, Fluoride (FTL16), Subregion 3A.

VARIABLE: FLUORIDE AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

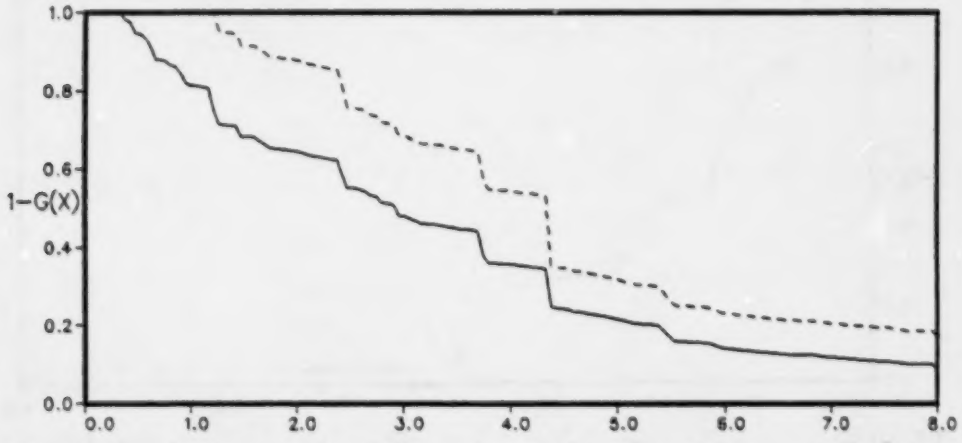
REGION 3
SUB_RGN 8
CLASS

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10158



Min: 0.32 Q_1: 0.85 Q_2: 2.21 Q_3: 3.69 Q_4: 5.61 Max: 16.16

Median: 2.71
Mean: 3.73
Std. Dev.: 3.27



Min: 0.32 Q_1: 1.11 Q_2: 2.33 Q_3: 3.65 Q_4: 5.27 Max: 16.16

Median: 2.90

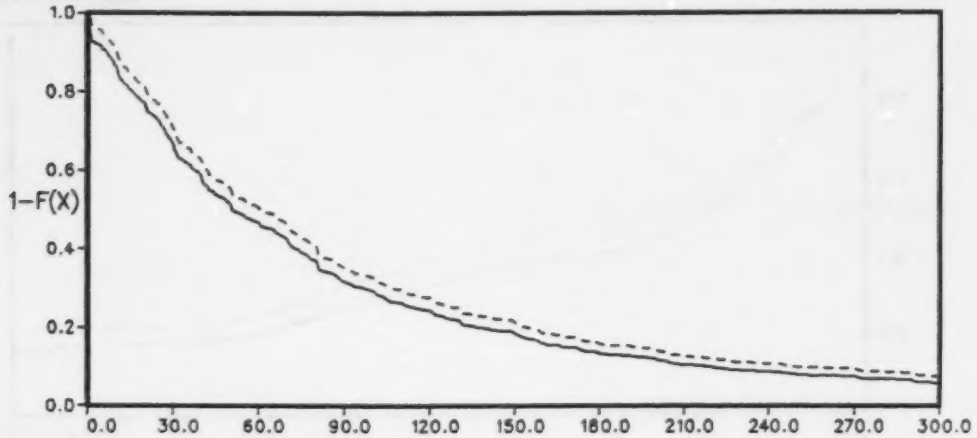
Figure 9-105. Population Estimates, Fluoride (FTL16), Subregion 3B.

VARIABLE: IRON AS UG/L FOR LAKES ≤2000 HA

16 FEB 1986

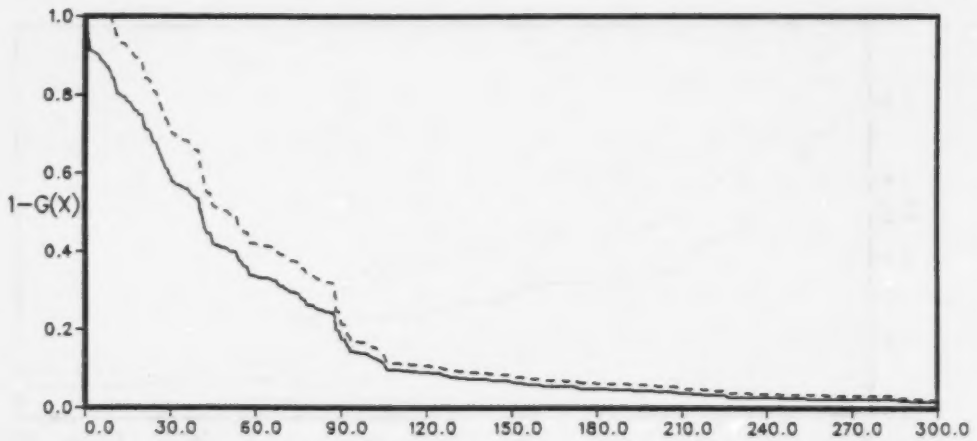
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 0.00 Q_1: 14.58 Q_2: 35.94 Q_3: 72.11 Q_4: 136.28 Max: 1082.00

Median: 49.75
Mean: 95.12
Std. Dev.: 137.79



Min: 0.00 Q_1: 11.53 Q_2: 28.80 Q_3: 50.41 Q_4: 87.47 Max: 1082.00

Median: 39.95

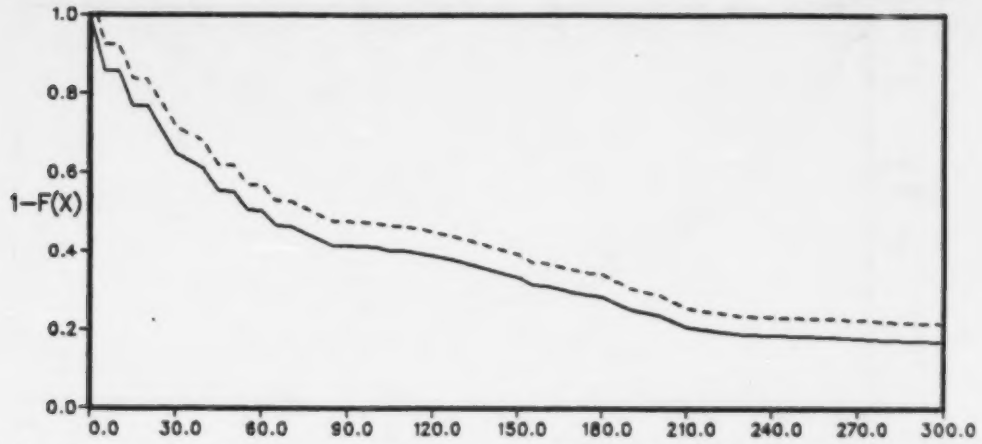
Figure 9-108. Population Estimates, Iron (FE11), Region 1.

VARIABLE: IRON AS UG/L FOR LAKES ≤2000 HA

16 FEB 1986

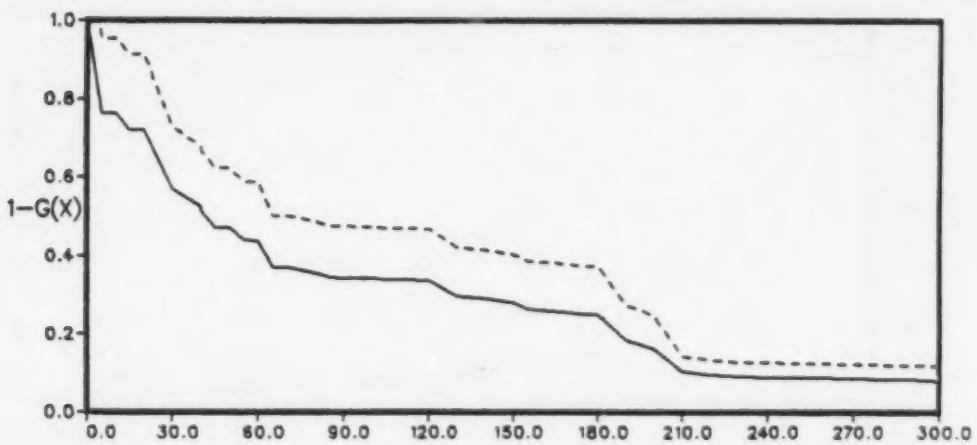
REGION 2
SUB_RGN
CLASS

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 0.00 Q_1: 8.22 Q_2: 40.00 Q_3: 105.38 Q_4: 208.20 Max: 2290.00

Median: 55.31
Mean: 145.79
Std. Dev.: 221.32



Min: 0.00 Q_1: 13.52 Q_2: 19.04 Q_3: 57.82 Q_4: 178.77 Max: 2290.00

Median: 40.00

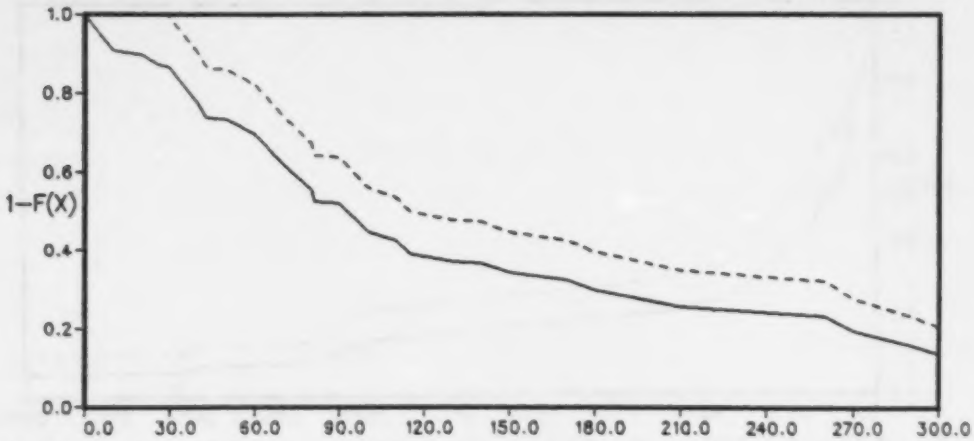
Figure 9-107. Population Estimates, Iron (FE11), Region 2.

VARIABLE: IRON AS UG/L FOR LAKES ≤2000 HA

16 FEB 1986

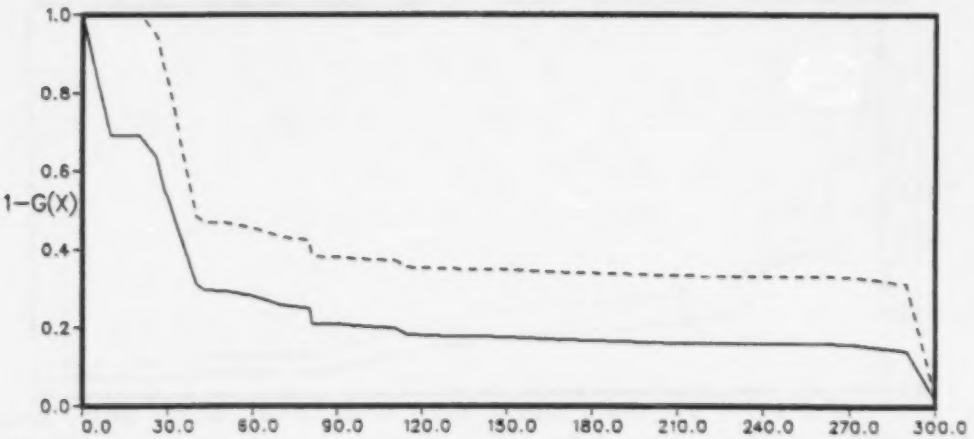
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 0.00 Q_1: 29.69 Q_2: 62.94 Q_3: 107.19 Q_4: 255.06 Max: 1810.00

Median: 83.40
Mean: 194.93
Std. Dev.: 338.94



Min: 0.00 Q_1: 59.63 Q_2: 22.51 Q_3: 29.60 Q_4: 97.31 Max: 1810.00

Median: 29.16

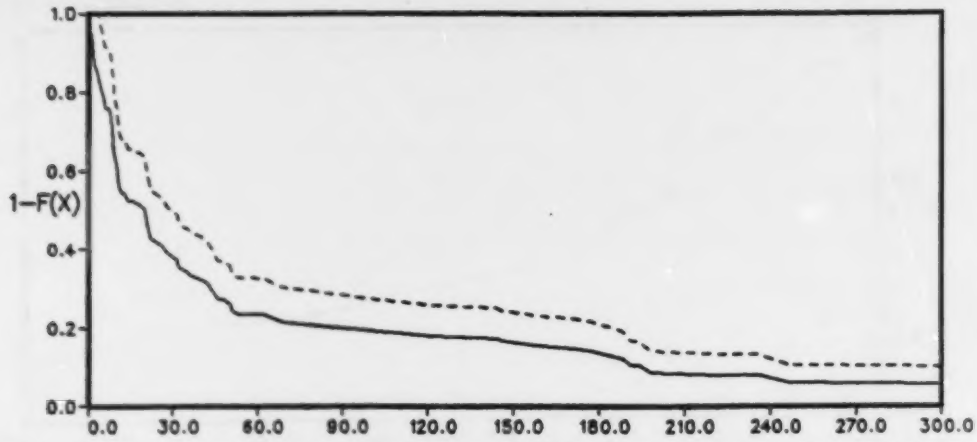
Figure 9-108. Population Estimates, Iron (FE11), Subregion 3A.

VARIABLE: IRON AS UG/L FOR LAKES ≤2000 HA

16 FEB 1986

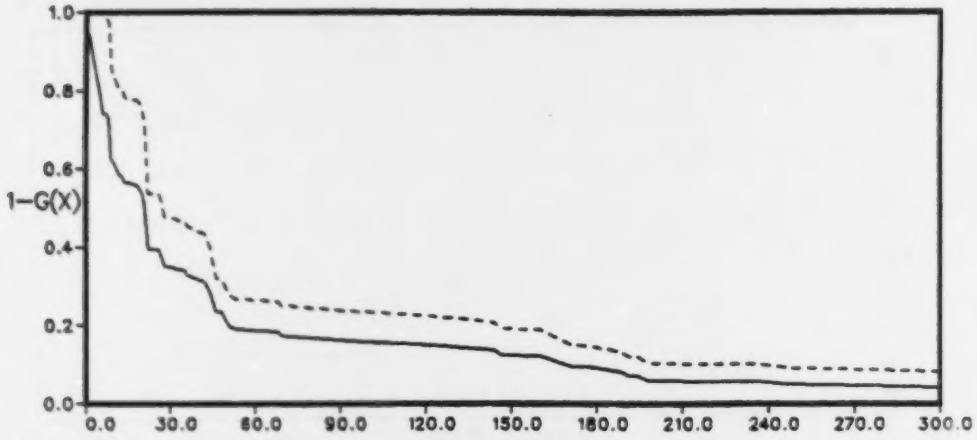
REGION 3
SUB_RGN B
CLASS

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10158



Min: 0.00 Q_1: 3.70 Q_2: 9.30 Q_3: 24.29 Q_4: 68.83 Max: 2638.00

Median: 19.07
Mean: 112.33
Std. Dev.: 372.82



Min: 0.00 Q_1: 3.53 Q_2: 9.97 Q_3: 20.95 Q_4: 49.64 Max: 2638.00

Median: 19.89

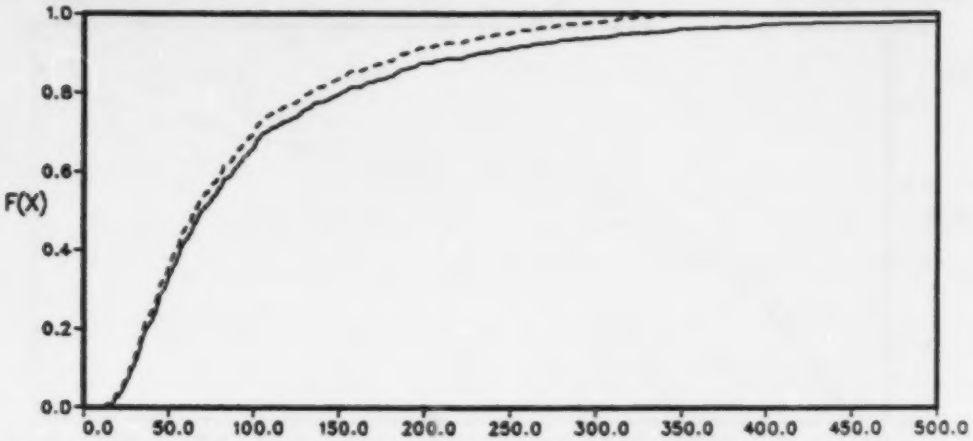
Figure 9-109. Population Estimates, Iron (FE11), Subregion 3B.

VARIABLE: MAGNESIUM AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

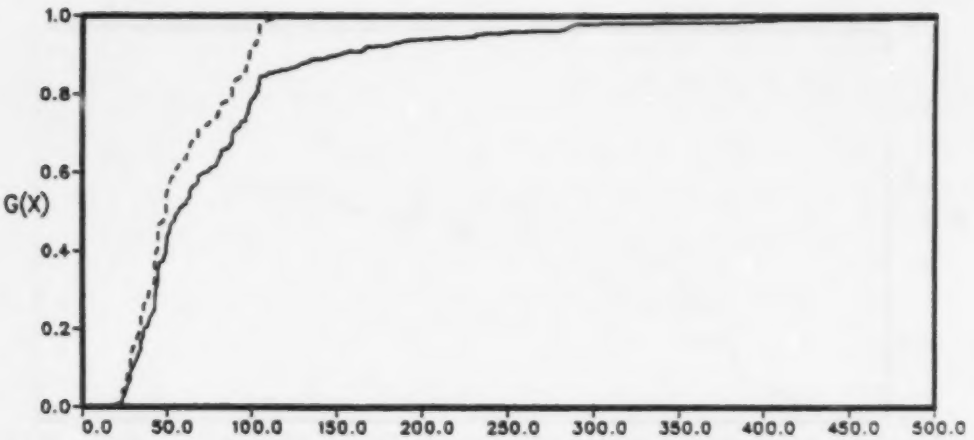
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 10.28 Q_1: 36.98 Q_2: 56.75 Q_3: 88.00 Q_4: 150.73 Max: 1711.01

Median: 69.57
Mean: 112.23
Std. Dev.: 142.19



Min: 10.28 Q_1: 36.55 Q_2: 49.52 Q_3: 72.44 Q_4: 102.05 Max: 1711.01

Median: 56.37

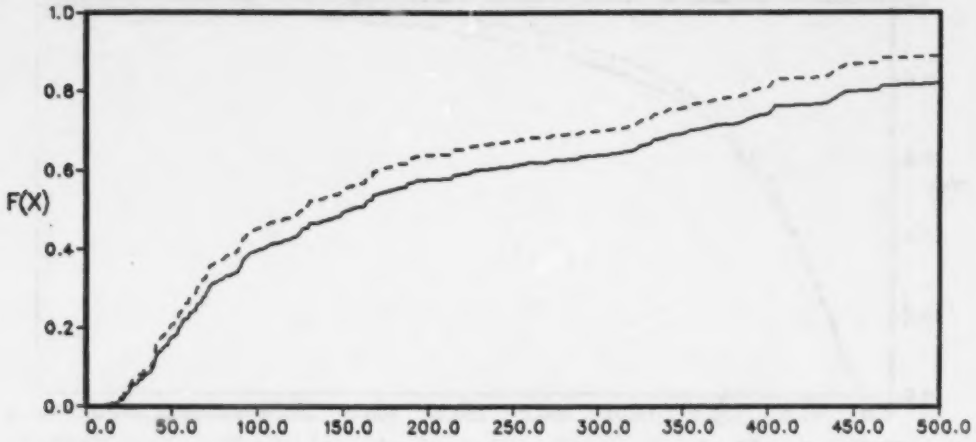
Figure 9-110. Population Estimates, Magnesium (MG16), Region 1.

VARIABLE: MAGNESIUM AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

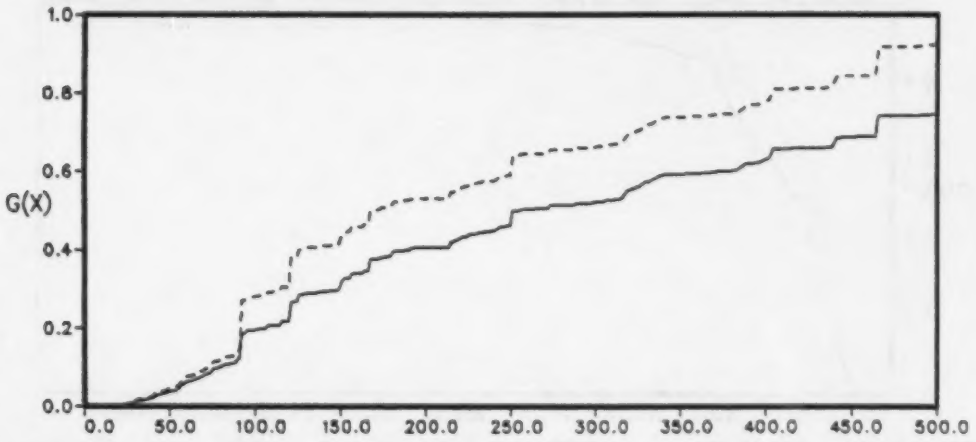
REGION 2
SUB_RGN
CLASS

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 11.52 Q_1: 54.29 Q_2: 101.33 Q_3: 225.98 Q_4: 445.21 Max: 2676.16

Median: 152.41
Mean: 293.23
Std. Dev.: 334.98



Min: 11.52 Q_1: 106.12 Q_2: 187.44 Q_3: 371.21 Q_4: 696.14 Max: 2676.16

Median: 252.96

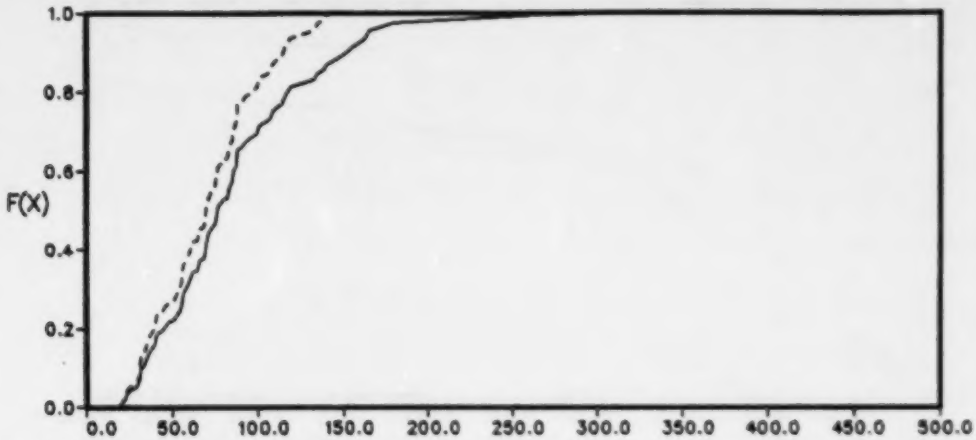
Figure 9-111. Population Estimates, Magnesium (MG16), Region 2.

VARIABLE: MAGNESIUM AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

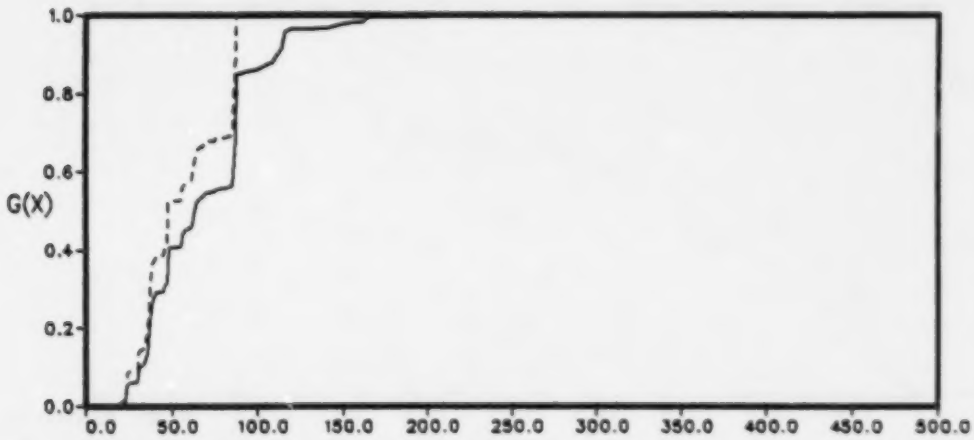
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 18.92 Q_1: 44.34 Q_2: 69.06 Q_3: 85.73 Q_4: 116.99 Max: 350.43

Median: 76.10
Mean: 87.19
Std. Dev.: 50.40



Min: 18.92 Q_1: 36.64 Q_2: 47.66 Q_3: 86.02 Q_4: 87.77 Max: 350.43

Median: 63.15

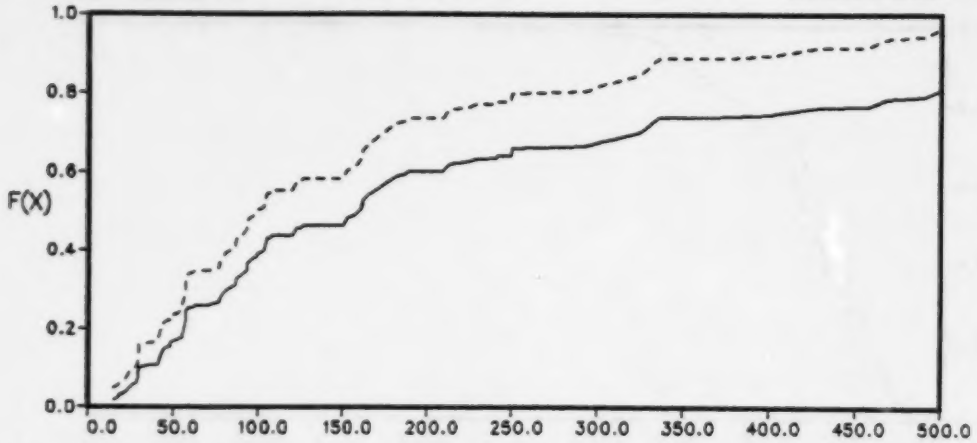
Figure 9-112. Population Estimates, Magnesium (MG16), Subregion 3A.

VARIABLE: MAGNESIUM AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

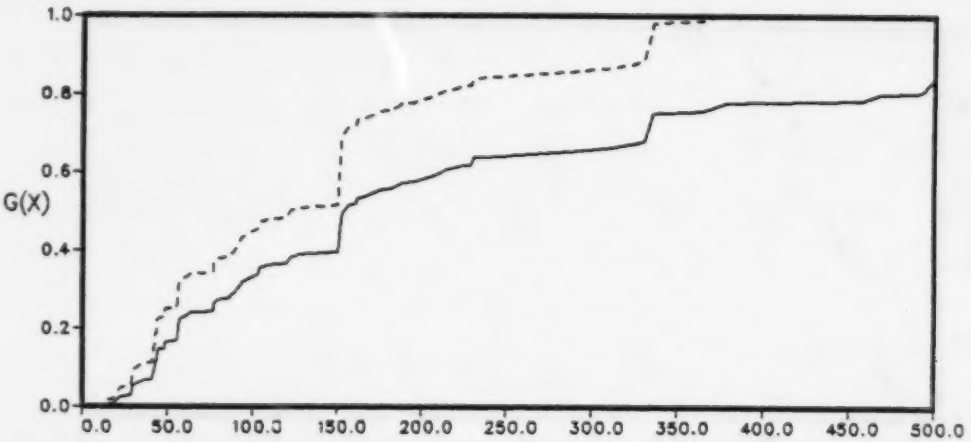
REGION 3
SUB_RGN 8
CLASS

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10158



Min: 14.89 Q_1: 55.80 Q_2: 102.87 Q_3: 200.53 Q_4: 494.50 Max: 2447.23

Median: 159.88
Mean: 292.87
Std. Dev.: 371.83



Min: 14.89 Q_1: 55.88 Q_2: 150.46 Q_3: 210.83 Q_4: 466.96 Max: 2447.23

Median: 153.84

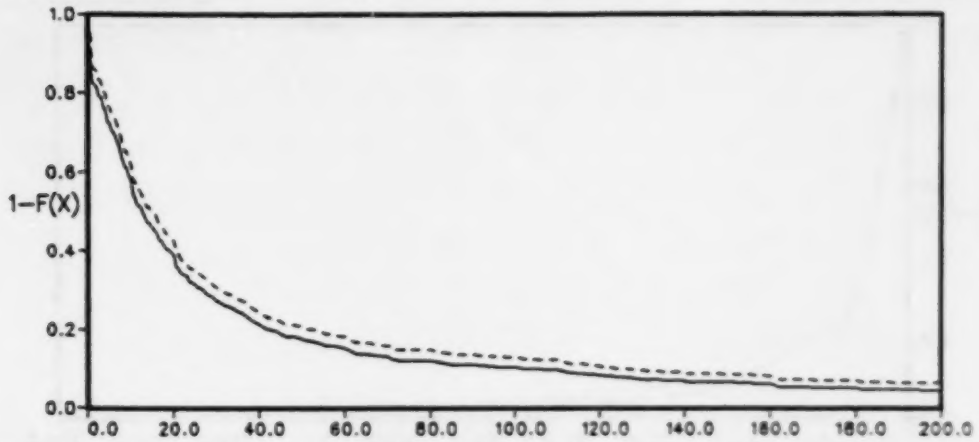
Figure 9-113. Population Estimates, Magnesium (MG16), Subregion 3B.

VARIABLE: MANGANESE IN UG/L FOR LAKES ≤2000 HA

16 FEB 1986

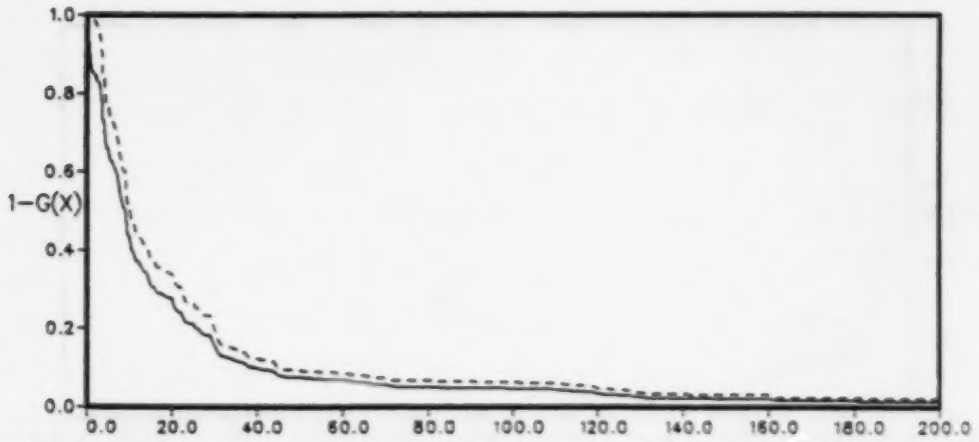
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 0.00 Q_1: 1.67 Q_2: 8.73 Q_3: 18.08 Q_4: 41.45 Max: 1191.00

Median: 11.80
Mean: 37.47
Std. Dev.: 74.36



Min: 0.00 Q_1: 3.00 Q_2: 5.89 Q_3: 9.94 Q_4: 25.00 Max: 1191.00

Median: 8.54

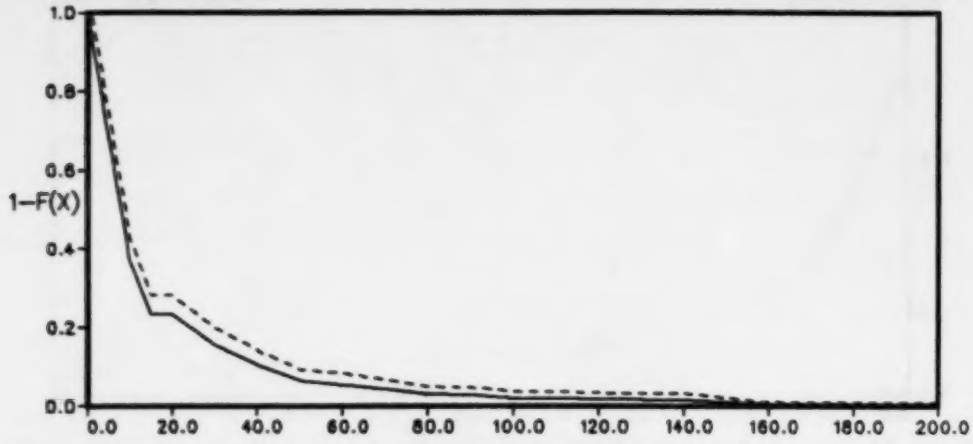
Figure 9-114. Population Estimates, Manganese (MN11), Region 1.

VARIABLE: MANGANESE IN UG/L FOR LAKES ≤2000 HA

16 FEB 1986

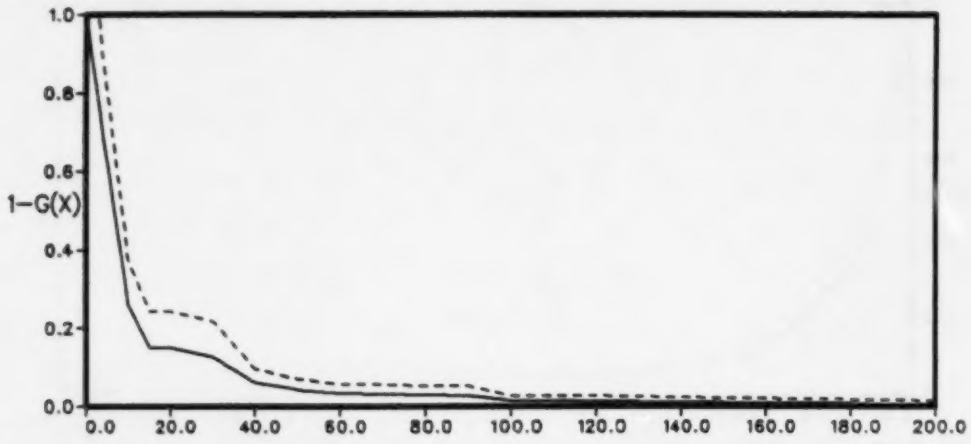
REGION 2
SUB_RGN
CLASS

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 0.00 Q_1: 3.18 Q_2: 6.36 Q_3: 9.55 Q_4: 24.27 Max: 470.00

Median: 7.95
Mean: 12.78
Std. Dev.: 33.35



Min: 0.00 Q_1: 2.71 Q_2: 5.41 Q_3: 8.12 Q_4: 12.76 Max: 470.00

Median: 6.77

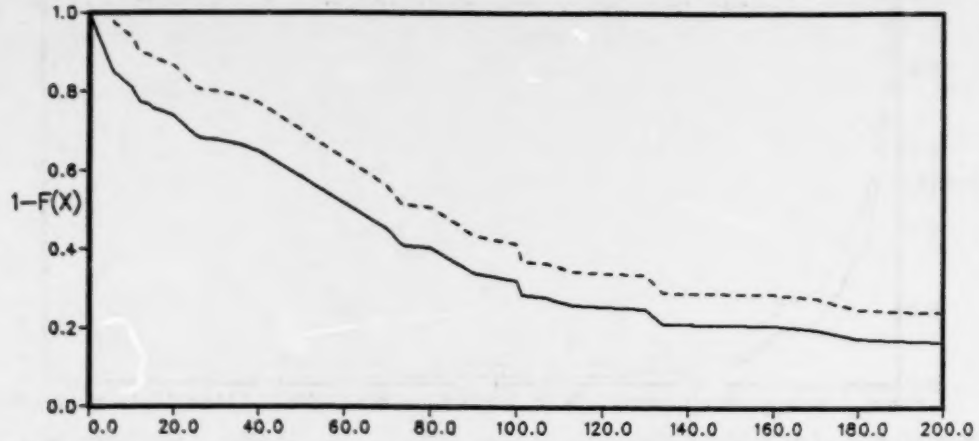
Figure 9-116. Population Estimates, Manganese (MN11), Region 2.

VARIABLE: MANGANESE IN UG/L FOR LAKES ≤2000 HA

16 FEB 1986

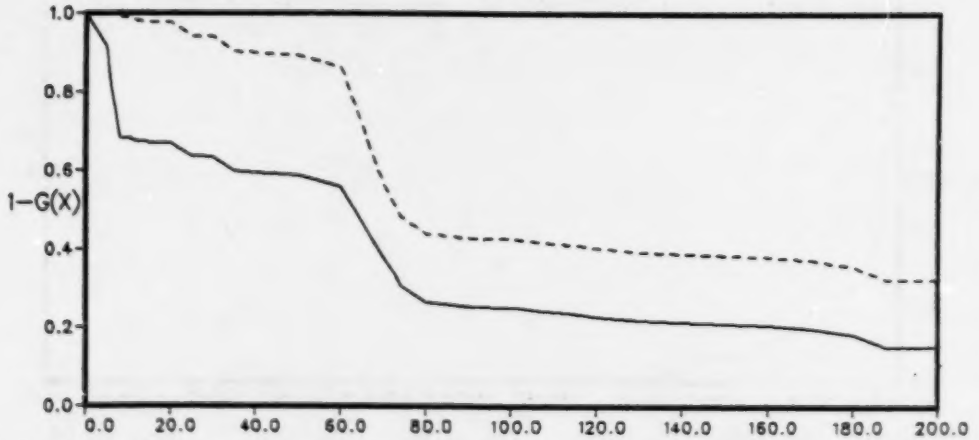
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 0.00 Q_1: 8.55 Q_2: 38.67 Q_3: 74.42 Q_4: 156.46 Max: 2030.00

Median: 52.65
Mean: 131.86
Std. Dev.: 289.39



Min: 0.00 Q_1: 5.27 Q_2: 29.91 Q_3: 58.81 Q_4: 159.30 Max: 2030.00

Median: 53.26

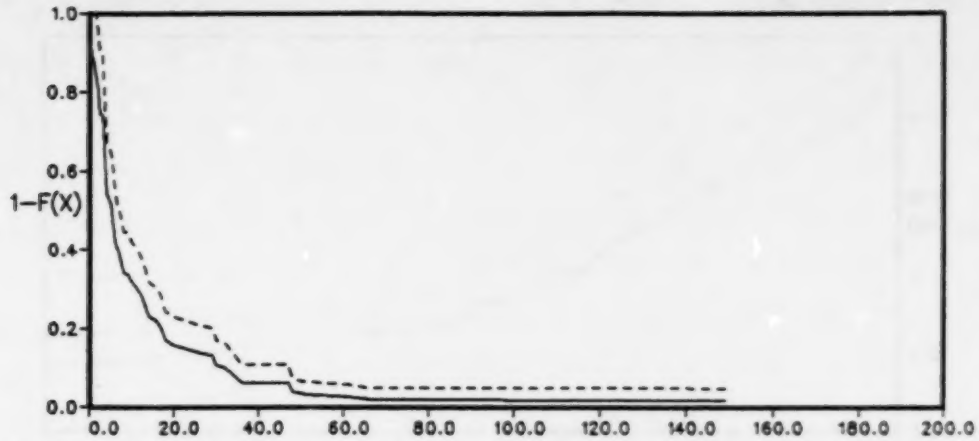
Figure 9-116. Population Estimates, Manganese (MN11), Subregion 3A.

VARIABLE: MANGANESE IN UG/L FOR LAKES ≤2000 HA

16 FEB 1986

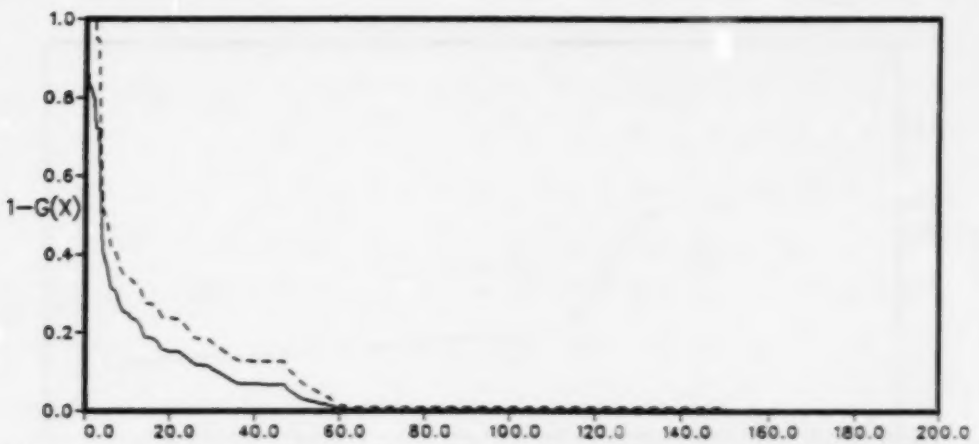
REGION 3
SUB_RGN 8
CLASS

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10158



Min: 0.00 Q_1: 2.00 Q_2: 2.86 Q_3: 5.59 Q_4: 16.01 Max: 149.00

Median: 4.16
Mean: 12.10
Std. Dev.: 22.48



Min: 0.00 Q_1: 0.92 Q_2: 2.69 Q_3: 3.16 Q_4: 12.62 Max: 149.00

Median: 2.85

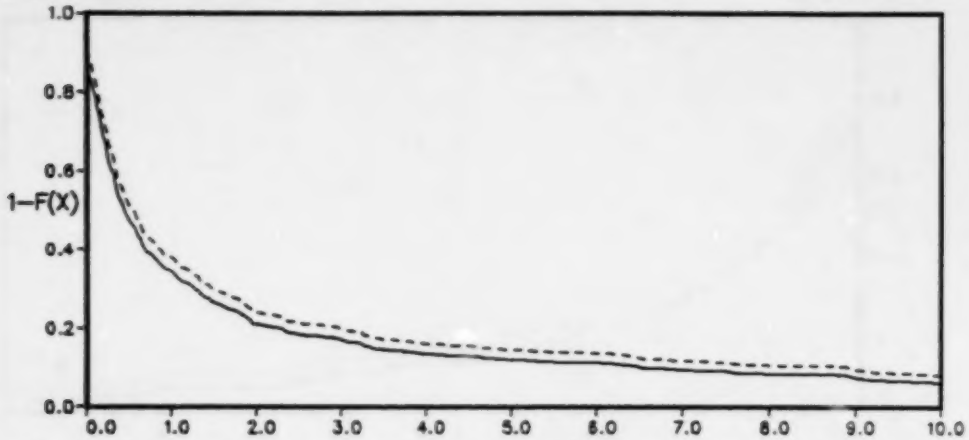
Figure 9-117. Population Estimates, Manganese (MN11), Subregion 3B.

VARIABLE: NITRATE AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

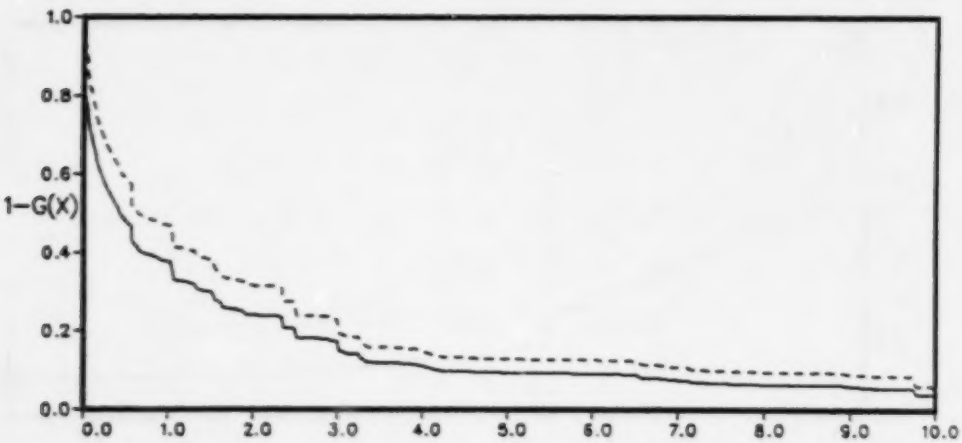
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 0.00 Q_1: 0.06 Q_2: 0.27 Q_3: 0.66 Q_4: 2.25 Max: 58.87

Median: 0.42
Mean: 2.49
Std. Dev.: 6.36



Min: 0.00 Q_1: 0.01 Q_2: 0.20 Q_3: 0.67 Q_4: 2.44 Max: 58.87

Median: 0.41

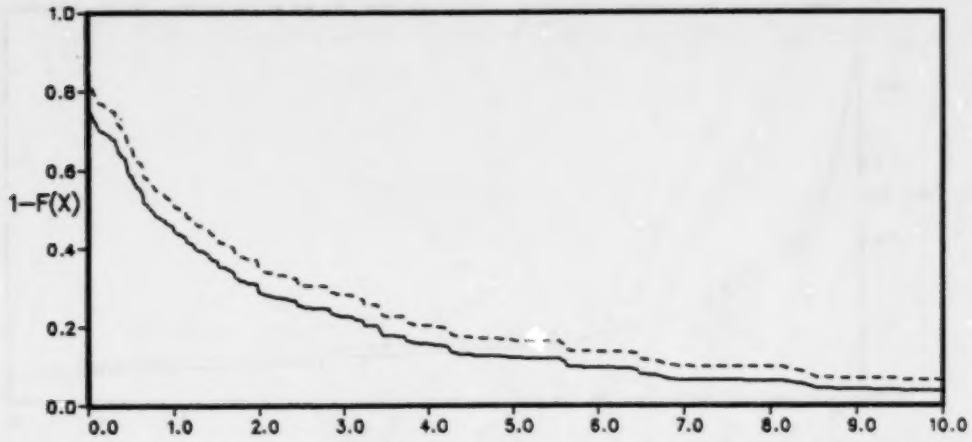
Figure 9-118. Population Estimates, Nitrate (NO316), Region 1

VARIABLE: NITRATE AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

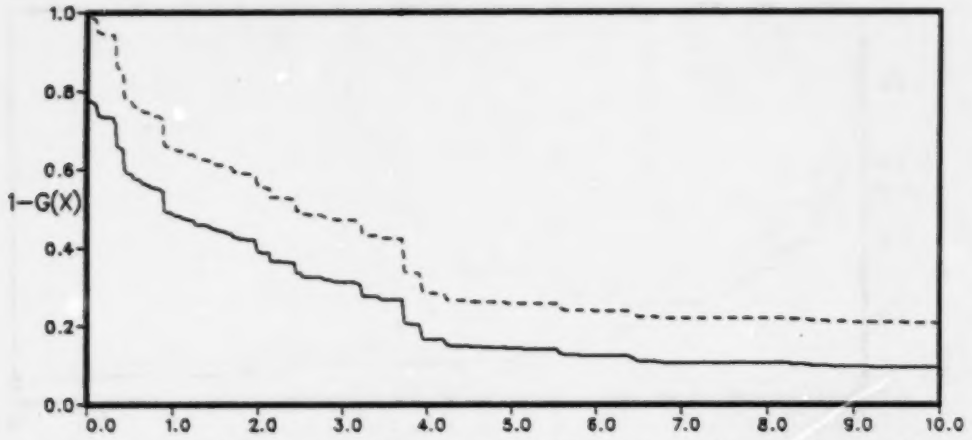
REGION 2
SUB_RGN
CLASS

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 0.00 Q_1: 0.43 Q_2: 0.45 Q_3: 1.24 Q_4: 3.38 Max: 81.46

Median: 0.71
Mean: 2.15
Std. Dev.: 4.13



Min: 0.00 Q_1: 0.17 Q_2: 0.43 Q_3: 1.97 Q_4: 3.83 Max: 81.46

Median: 0.89

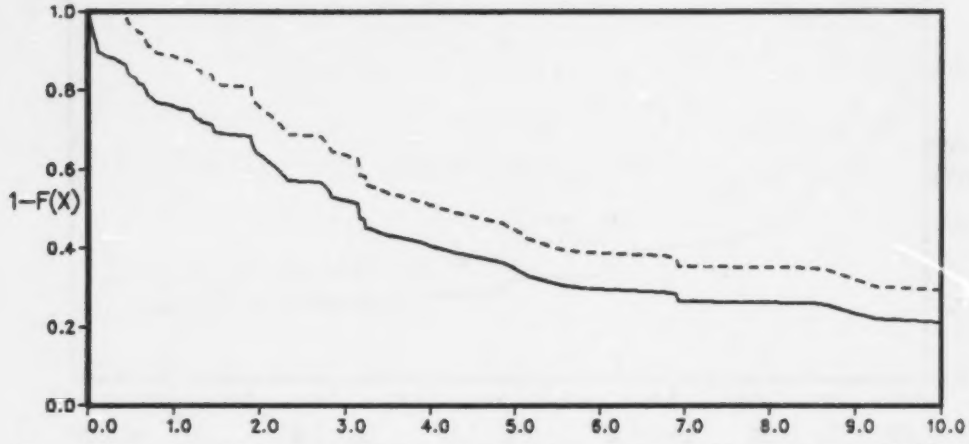
Figure 9-119. Population Estimates, Nitrate (NO316), Region 2.

VARIABLE: NITRATE AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

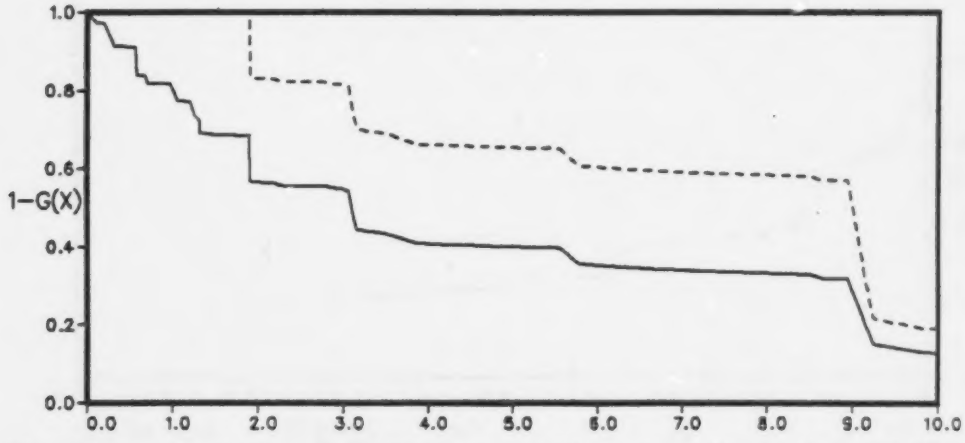
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 0.00 Q_1: 0.63 Q_2: 2.13 Q_3: 3.95 Q_4: 9.98 Max: 153.28

Median: 3.09
Mean: 9.27
Std. Dev.: 22.00



Min: 0.00 Q_1: 0.87 Q_2: 1.80 Q_3: 5.08 Q_4: 8.87 Max: 153.28

Median: 3.01

Figure 9-120. Population Estimates, Nitrate (NO316), Subregion 3A.

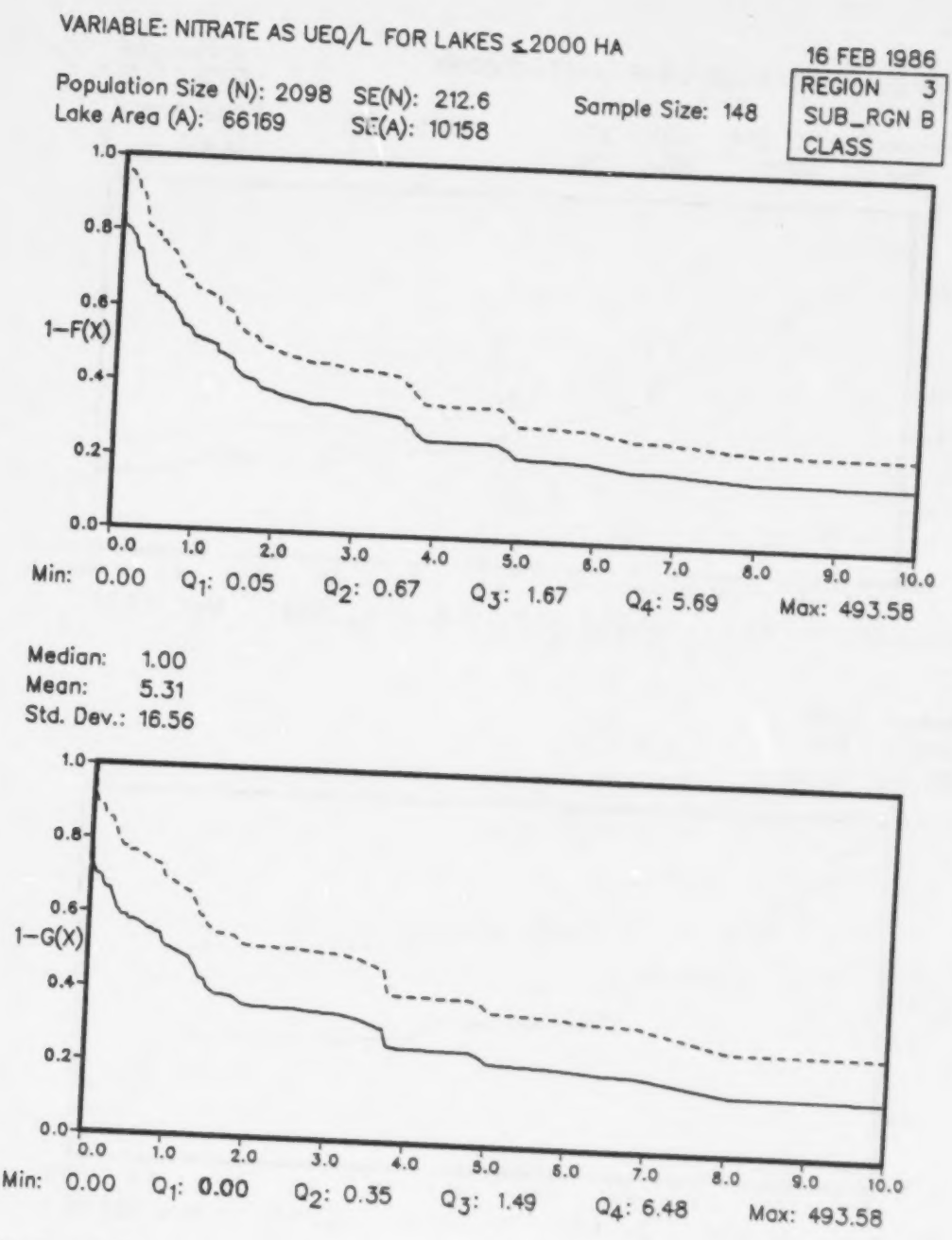


Figure 9-121. Population Estimates, Nitrate (NO3I8), Subregion 3B.

VARIABLE: PH FOR LAKES≤2000 HA

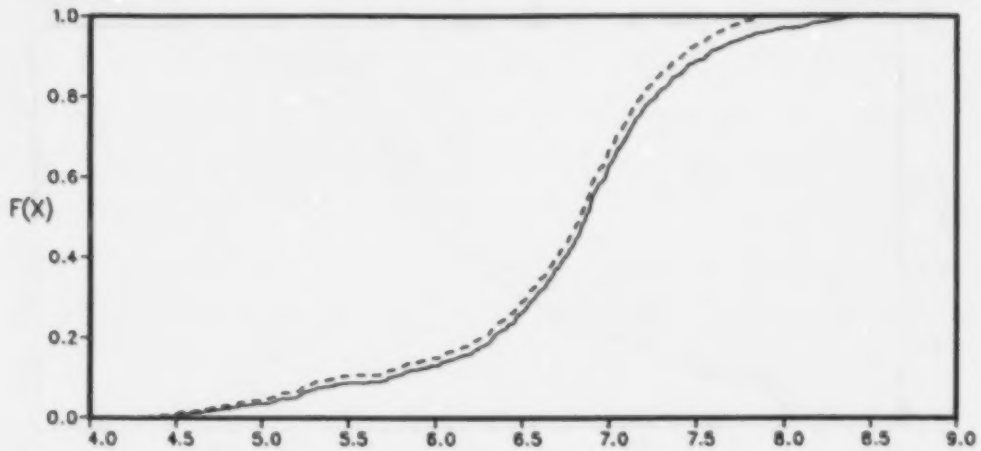
16 FEB 1986

REGION 1
SUB_RGN
CLASS

X_{c1}: 5.0 X_{c2}: 5.5 X_{c3}: 6.0

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763

Lake Area (A): 427864 SE(A): 36414

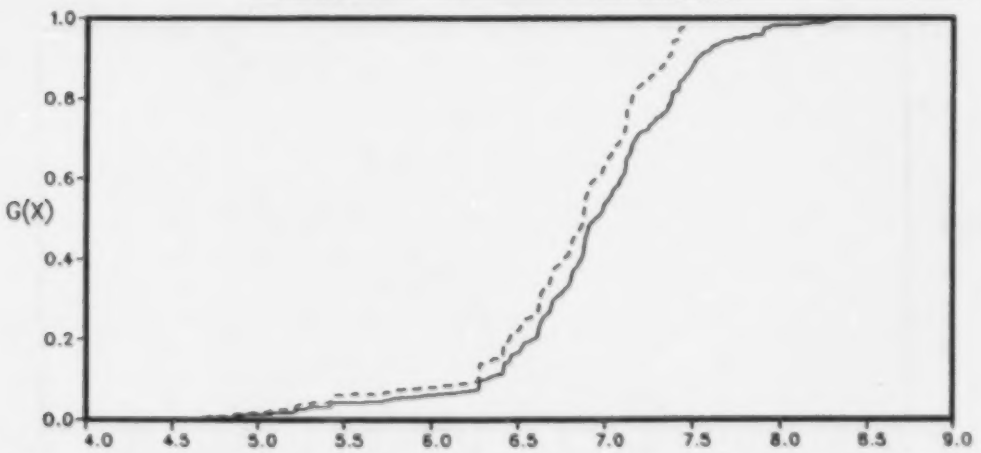


Min: 4.32 Q_1: 6.33 Q_2: 6.74 Q_3: 6.97 Q_4: 7.26 Max: 9.36

Median: 6.87
Mean: 6.76
Std. Dev.: 0.74

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.034	N_{c1}: 240	N_{cu1}: 315
P_{c2}: 0.086	N_{c2}: 613	N_{cu2}: 737
P_{c3}: 0.129	N_{c3}: 916	N_{cu3}: 1056



Min: 4.32 Q_1: 6.58 Q_2: 6.87 Q_3: 7.09 Q_4: 7.37 Max: 9.36

Median: 6.94

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.012	A_{c1}: 5059	A_{cu1}: 7570
G_{c2}: 0.043	A_{c2}: 18195	A_{cu2}: 26393
G_{c3}: 0.060	A_{c3}: 25800	A_{cu3}: 34478

Figure 9-122. Population Estimates, pH (PHSTVL), Region 1

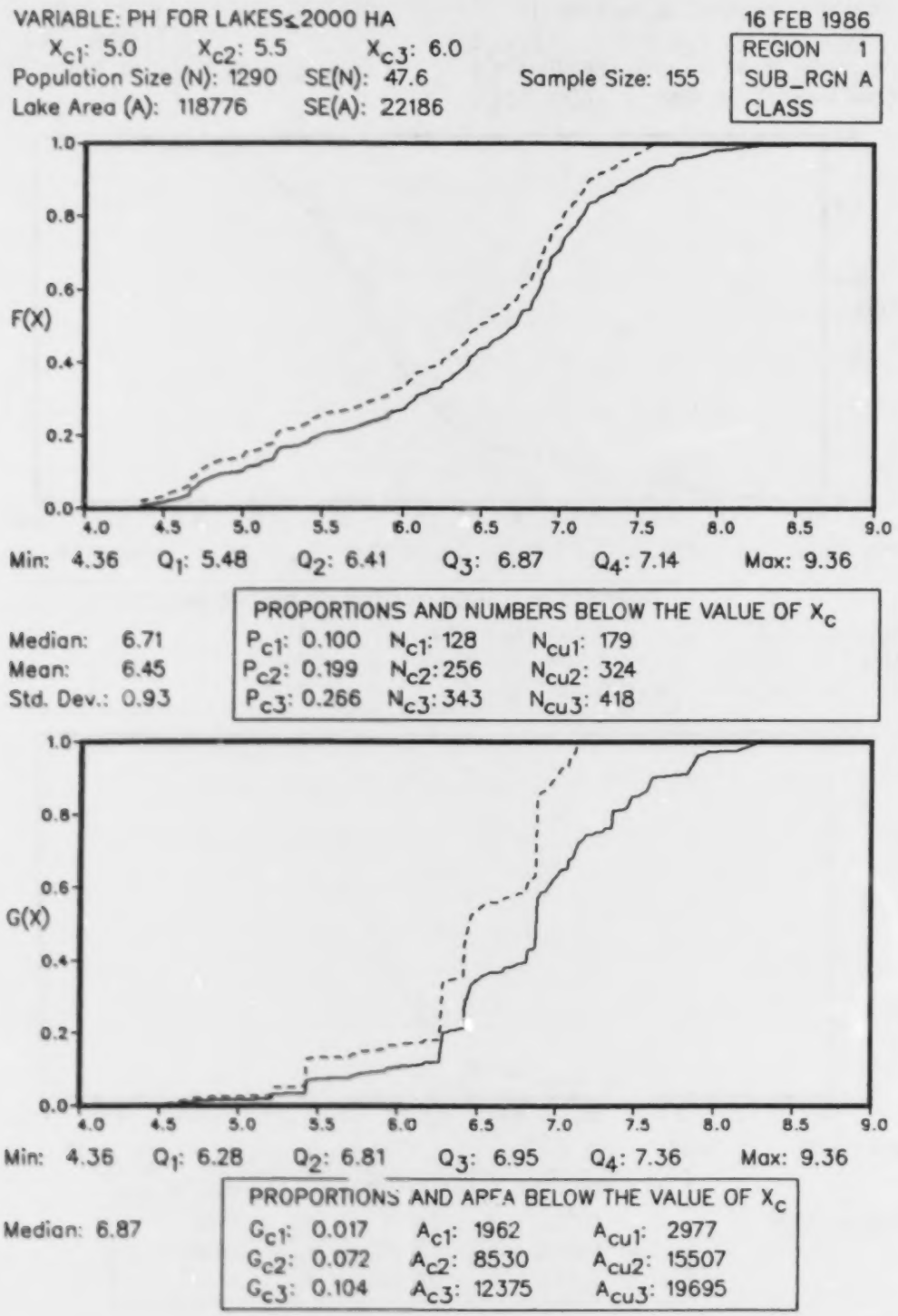


Figure 9-123. Population Estimates, pH (PHSTVL), Subregion 1A.

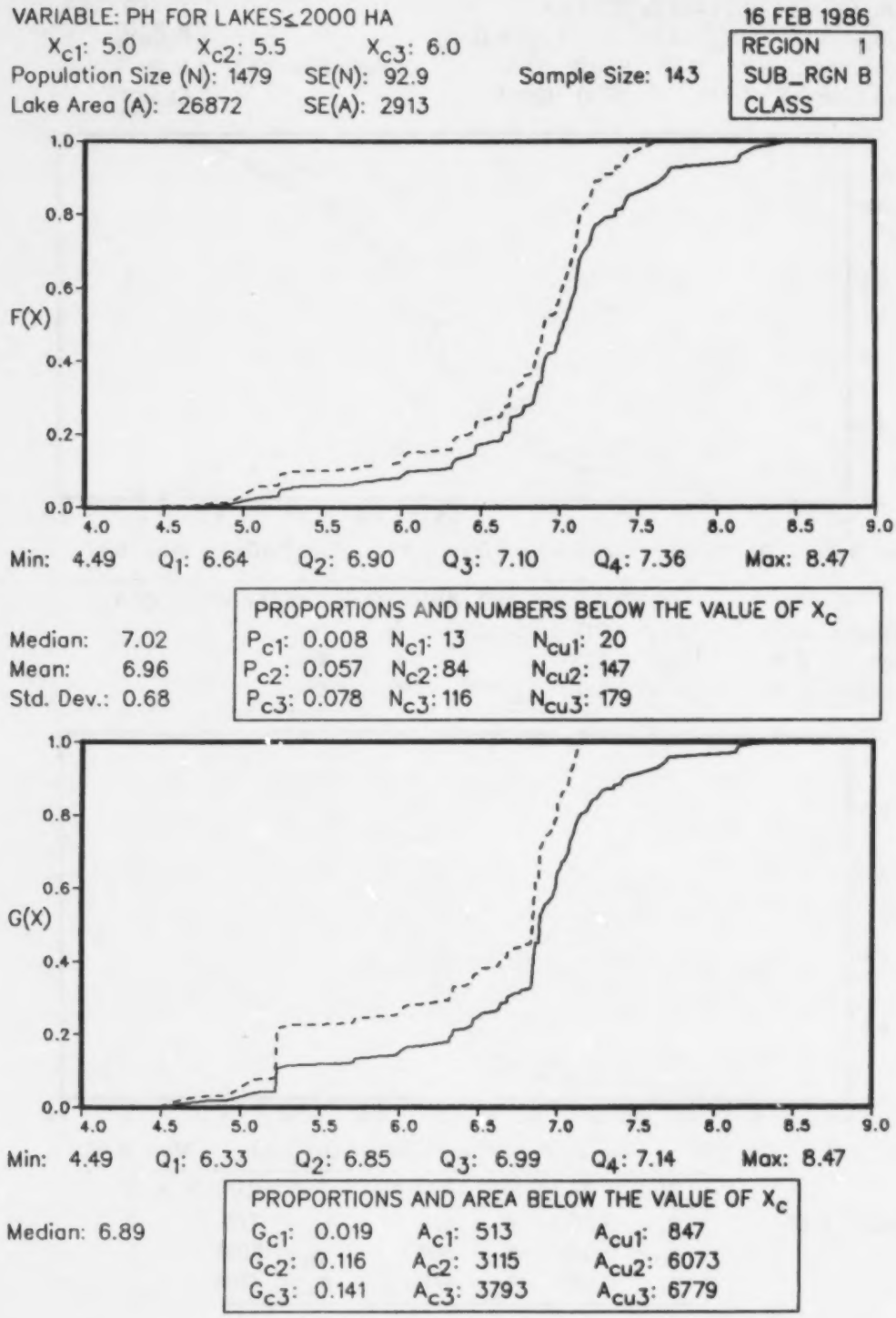


Figure 9-124. Population Estimates, pH (PHSTVL), Subregion 1B.

VARIABLE: PH FOR LAKES≤2000 HA

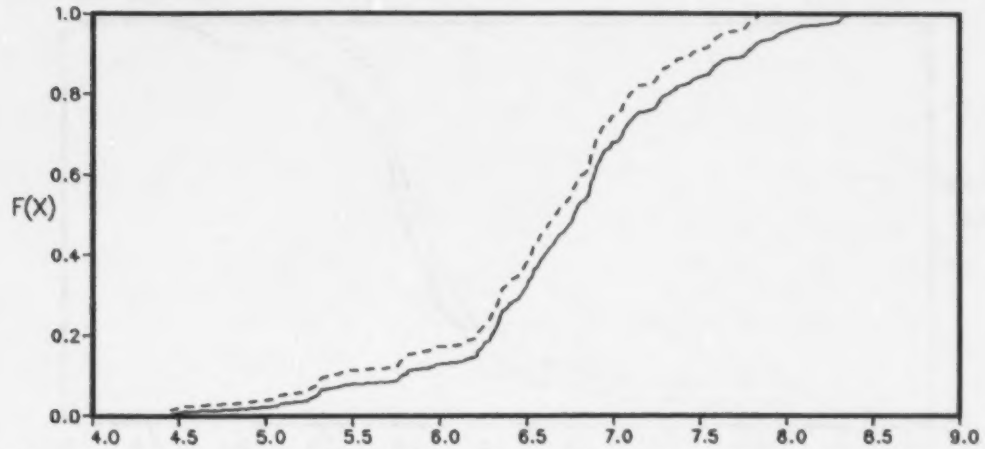
16 FEB 1986

X_{c1}: 5.0 X_{c2}: 5.5 X_{c3}: 6.0

REGION 1
SUB_RGN C
CLASS

Population Size (N): 1483 SE(N): 57.5 Sample Size: 163

Lake Area (A): 72412 SE(A): 12013

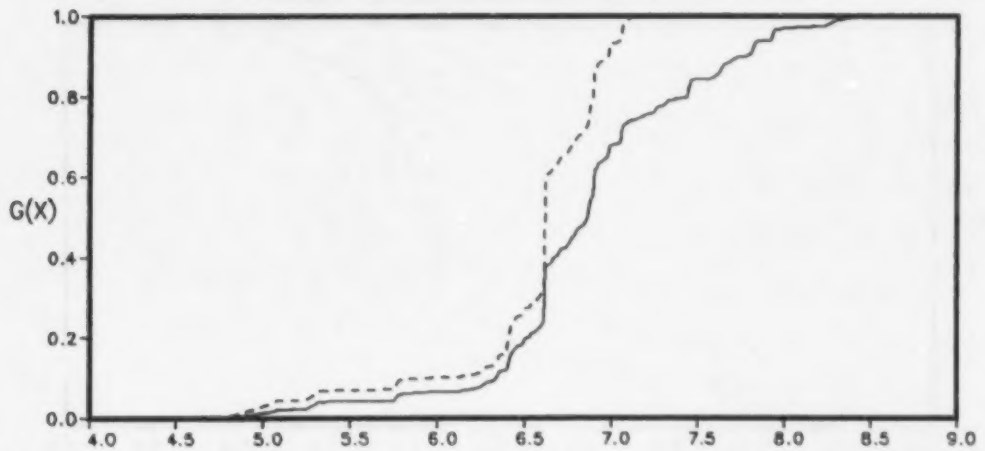


Min: 4.45 Q_1: 6.30 Q_2: 6.60 Q_3: 6.89 Q_4: 7.30 Max: 8.47

Median: 6.77
Mean: 6.76
Std. Dev.: 0.74

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.017	N_{c1}: 25	N_{cu1}: 46
P_{c2}: 0.078	N_{c2}: 115	N_{cu2}: 166
P_{c3}: 0.129	N_{c3}: 191	N_{cu3}: 254



Min: 4.45 Q_1: 6.52 Q_2: 6.67 Q_3: 6.90 Q_4: 7.43 Max: 8.47

Median: 6.86

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.003	A_{c1}: 194	A_{cu1}: 372
G_{c2}: 0.042	A_{c2}: 3059	A_{cu2}: 5074
G_{c3}: 0.065	A_{c3}: 4713	A_{cu3}: 7298

Figure 9-125. Population Estimates, pH (PHSTVL), Subregion 1C.

VARIABLE: PH FOR LAKES≤2000 HA

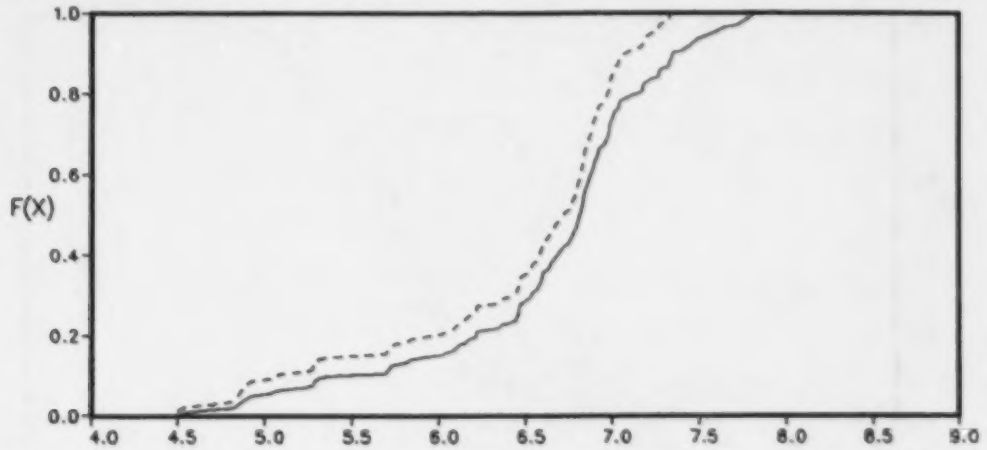
16 FEB 1986

REGION 1
SUB_RGN D
CLASS

X_{c1}: 5.0 X_{c2}: 5.5 X_{c3}: 6.0

Population Size (N): 1318 SE(N): 93.7 Sample Size: 126

Lake Area (A): 36403 SE(A): 4381

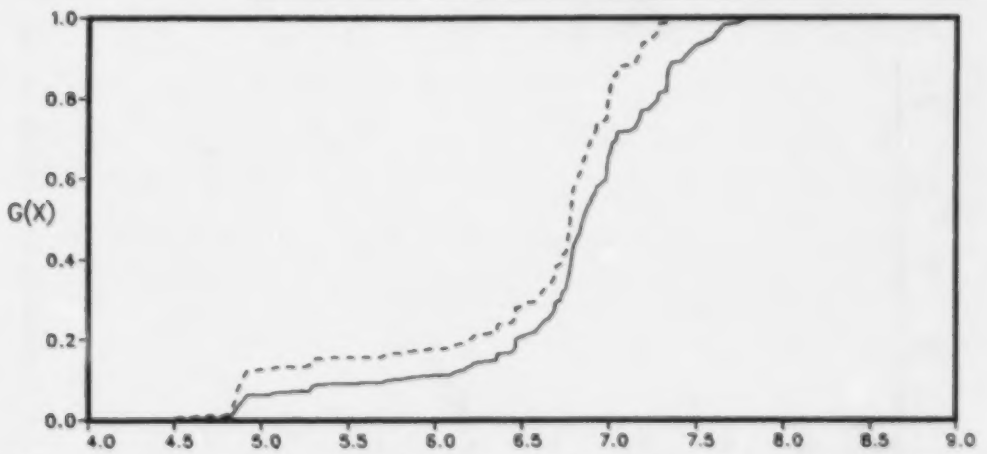


Min: 4.50 Q_1: 6.21 Q_2: 6.68 Q_3: 6.88 Q_4: 7.14 Max: 7.82

Median: 6.81
Mean: 6.65
Std. Dev.: 0.70

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.050	N_{c1}: 66	N_{cu1}: 114
P_{c2}: 0.100	N_{c2}: 132	N_{cu2}: 195
P_{c3}: 0.146	N_{c3}: 192	N_{cu3}: 261



Min: 4.50 Q_1: 6.46 Q_2: 6.78 Q_3: 6.98 Q_4: 7.27 Max: 7.82

Median: 6.85

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.063	A_{c1}: 2295	A_{cu1}: 4555
G_{c2}: 0.091	A_{c2}: 3296	A_{cu2}: 5680
G_{c3}: 0.110	A_{c3}: 3988	A_{cu3}: 6400

Figure 9-126. Population Estimates, pH (PHSTVL), Subregion 1D.

VARIABLE: PH FOR LAKES≤2000 HA

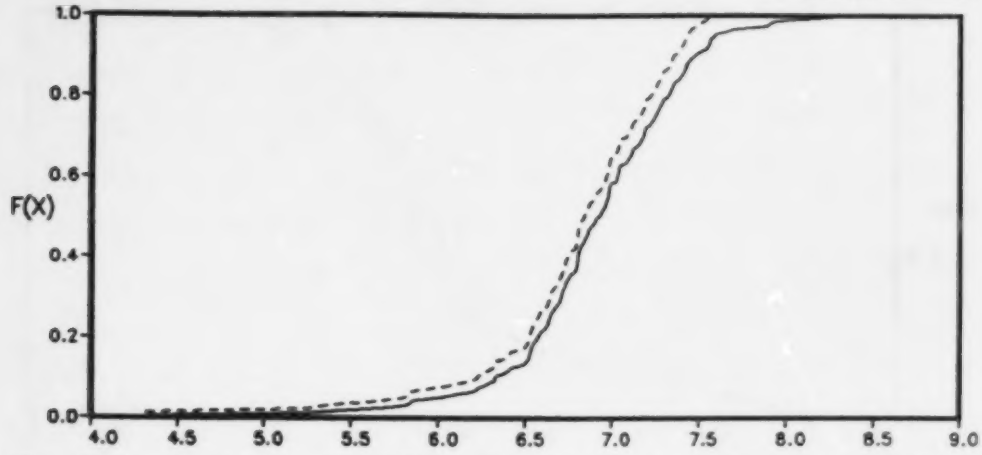
16 FEB 1986

REGION 1
SUB_RGN E
CLASS

X_{c1}: 5.0 X_{c2}: 5.5 X_{c3}: 6.0

Population Size (N): 1526 SE(N): 66.0 Sample Size: 176

Lake Area (A): 173400 SE(A): 25725

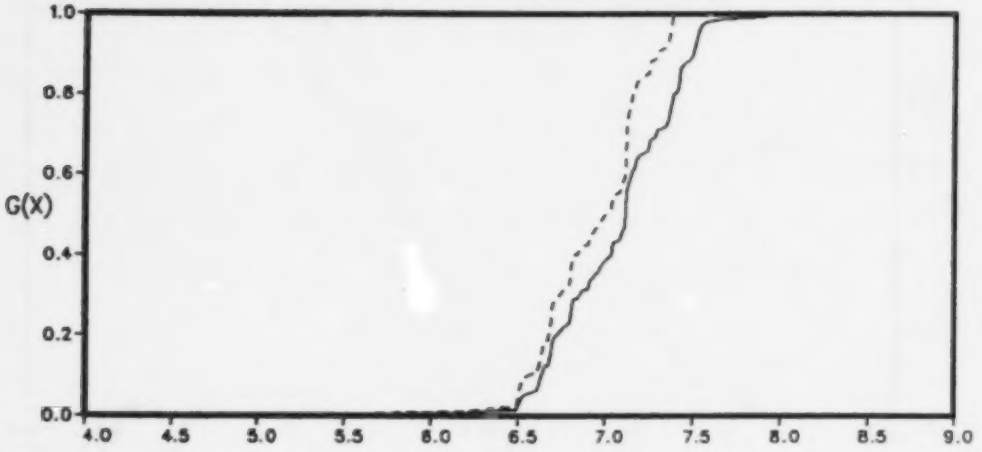


Min: 4.32 Q_1: 6.57 Q_2: 6.80 Q_3: 7.03 Q_4: 7.31 Max: 8.36

Median: 6.91
Mean: 6.91
Std. Dev.: 0.52

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.005	N_{c1}: 8	N_{cu1}: 21
P_{c2}: 0.016	N_{c2}: 25	N_{cu2}: 47
P_{c3}: 0.048	N_{c3}: 74	N_{cu3}: 111



Min: 4.32 Q_1: 6.72 Q_2: 7.03 Q_3: 7.14 Q_4: 7.38 Max: 8.36

Median: 7.11

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.001	A_{c1}: 95	A_{cu1}: 242
G_{c2}: 0.001	A_{c2}: 196	A_{cu2}: 380
G_{c3}: 0.005	A_{c3}: 932	A_{cu3}: 1484

Figure 9-127. Population Estimates, pH (PHSTVL), Subregion 1E.

VARIABLE: PH FOR LAKES≤2000 HA

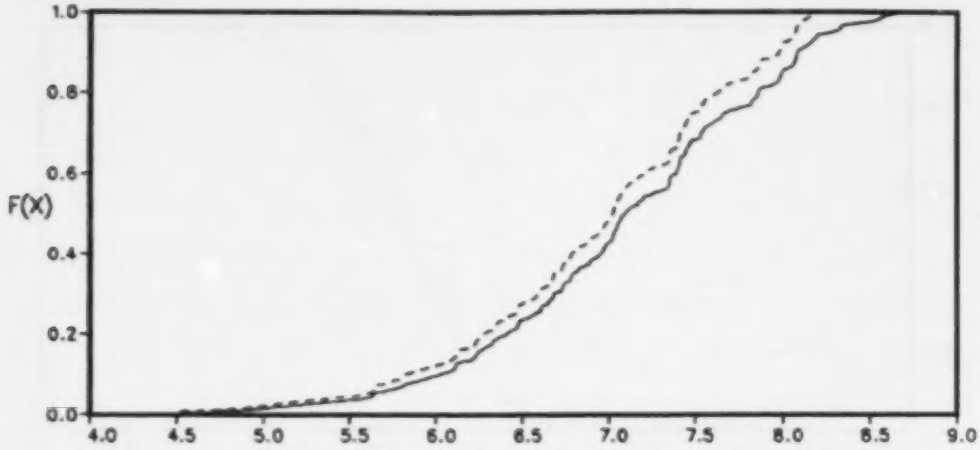
16 FEB 1986

REGION 2
SUB_RGN
CLASS

X_{c1}: 5.0 X_{c2}: 5.5 X_{c3}: 6.0

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587

Lake Area (A): 501457 SE(A): 73306

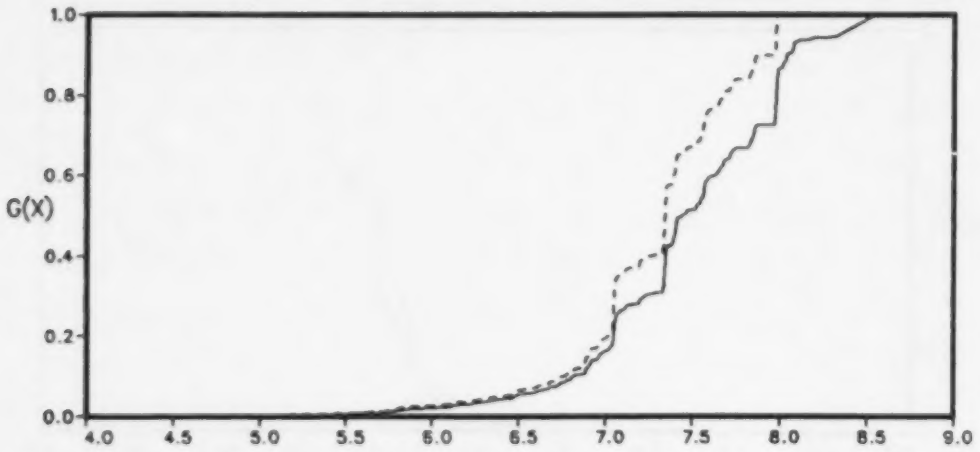


Min: 4.43 Q_1: 6.40 Q_2: 6.95 Q_3: 7.38 Q_4: 7.86 Max: 8.69

Median: 7.09
Mean: 7.09
Std. Dev.: 0.82

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.015	N_{c1}: 130	N_{cu1}: 189
P_{c2}: 0.036	N_{c2}: 309	N_{cu2}: 390
P_{c3}: 0.096	N_{c3}: 818	N_{cu3}: 1037



Min: 4.43 Q_1: 7.04 Q_2: 7.35 Q_3: 7.63 Q_4: 7.98 Max: 8.69

Median: 7.44

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.002	A_{c1}: 1064	A_{cu1}: 1553
G_{c2}: 0.006	A_{c2}: 3055	A_{cu2}: 3942
G_{c3}: 0.021	A_{c3}: 10399	A_{cu3}: 13686

Figure 9-128. Population Estimates, pH (PHSTVL), Region 2.

VARIABLE: PH FOR LAKES≤2000 HA

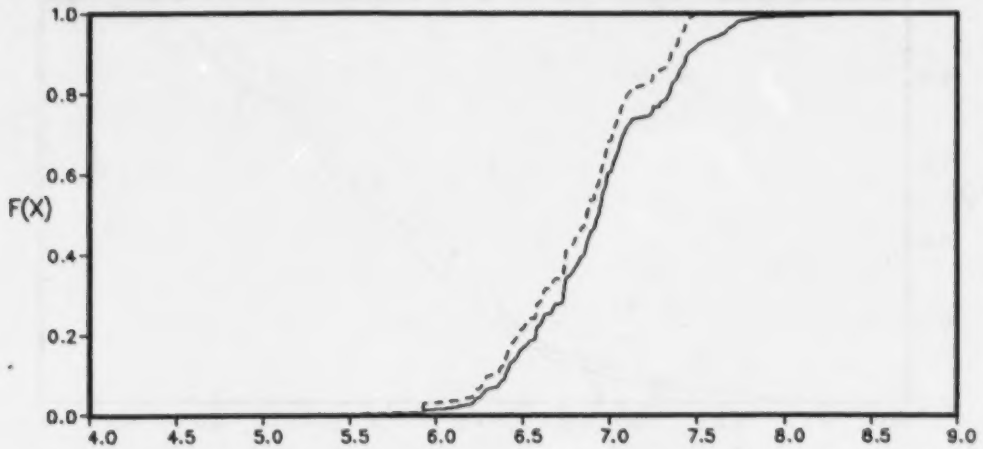
16 FEB 1986

REGION 2
SUB_RGN A
CLASS

X_{c1}: 5.0 X_{c2}: 5.5 X_{c3}: 6.0

Population Size (N): 1457 SE(N): 74.3 Sample Size: 147

Lake Area (A): 142979 SE(A): 37582

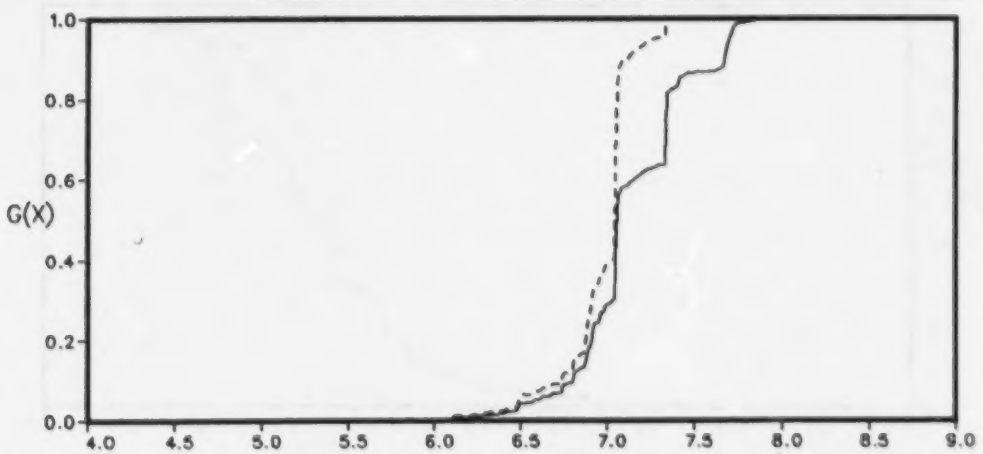


Min: 5.57 Q_1: 6.57 Q_2: 6.85 Q_3: 6.99 Q_4: 7.34 Max: 8.53

Median: 6.94
Mean: 6.94
Std. Dev.: 0.43

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.000	N_{c1}: 0	N_{cu1}: **
P_{c2}: 0.000	N_{c2}: 0	N_{cu2}: **
P_{c3}: 0.014	N_{c3}: 20	N_{cu3}: 43



Min: 5.57 Q_1: 6.91 Q_2: 7.05 Q_3: 7.15 Q_4: 7.34 Max: 8.53

Median: 7.05

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.000	A_{c1}: 0	A_{cu1}: **
G_{c2}: 0.000	A_{c2}: 0	A_{cu2}: **
G_{c3}: 0.002	A_{c3}: 255	A_{cu3}: 508

** Not Defined

Figure 9-129. Population Estimates, pH (PHSTVL), Subregion 2A.

VARIABLE: PH FOR LAKES≤2000 HA

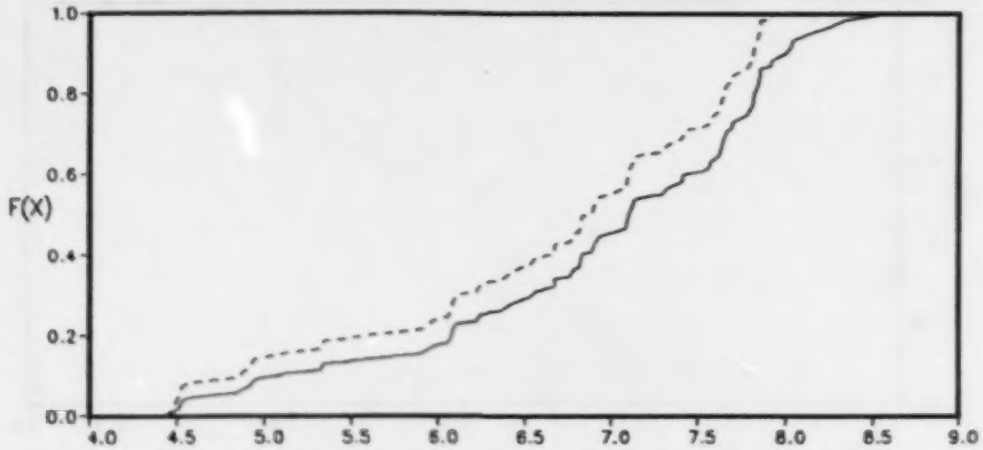
16 FEB 1986

REGION 2
SUB_RGN 8
CLASS

X_{c1}: 5.0 X_{c2}: 5.5 X_{c3}: 6.0

Population Size (N): 1050 SE(N): 72.5 Sample Size: 146

Lake Area (A): 34025 SE(A): 10854

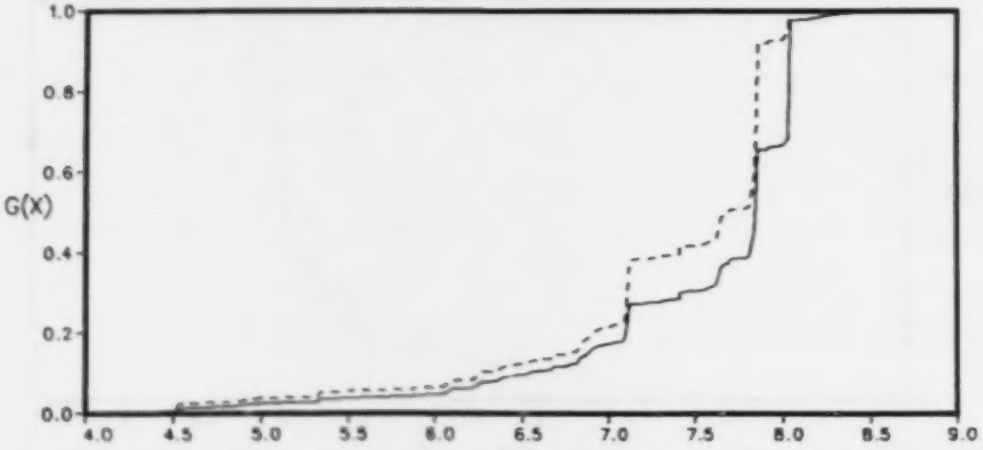


Min: 4.43 Q_1: 6.07 Q_2: 6.83 Q_3: 7.42 Q_4: 7.82 Max: 8.58

Median: 7.10
Mean: 6.92
Std. Dev.: 1.05

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.094	N_{c1}: 99	N_{cu1}: 153
P_{c2}: 0.136	N_{c2}: 143	N_{cu2}: 204
P_{c3}: 0.177	N_{c3}: 185	N_{cu3}: 252



Min: 4.43 Q_1: 7.10 Q_2: 7.81 Q_3: 7.86 Q_4: 8.03 Max: 8.58

Median: 7.85

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.024	A_{c1}: 812	A_{cu1}: 1251
G_{c2}: 0.037	A_{c2}: 1266	A_{cu2}: 1859
G_{c3}: 0.047	A_{c3}: 1595	A_{cu3}: 2204

Figure 9-130. Population Estimates, pH (PHSTVL), Subregion 2B.

VARIABLE: PH FOR LAKES≤2000 HA

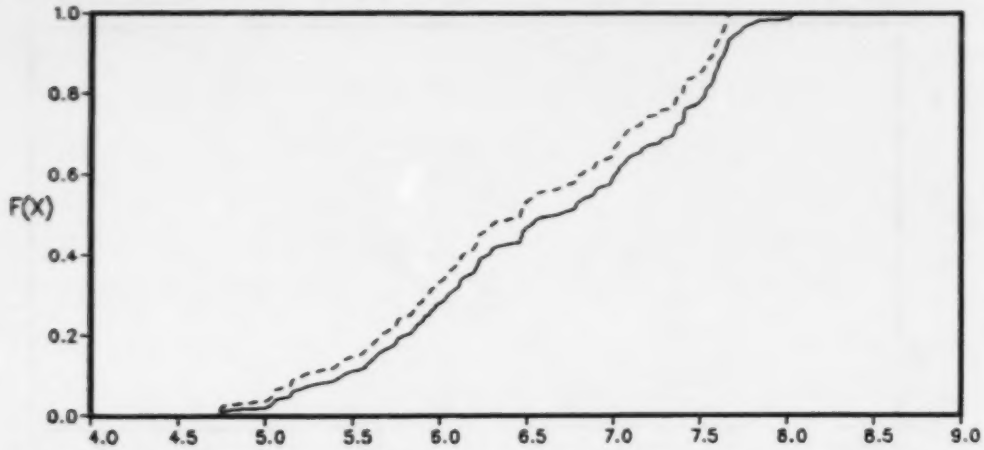
16 FEB 1986

X_{c1}: 5.0 X_{c2}: 5.5 X_{c3}: 6.0

Population Size (N): 1480 SE(N): 48.8 Sample Size: 153

Lake Area (A): 97556 SE(A): 21357

REGION 2
SUB_RGN C
CLASS

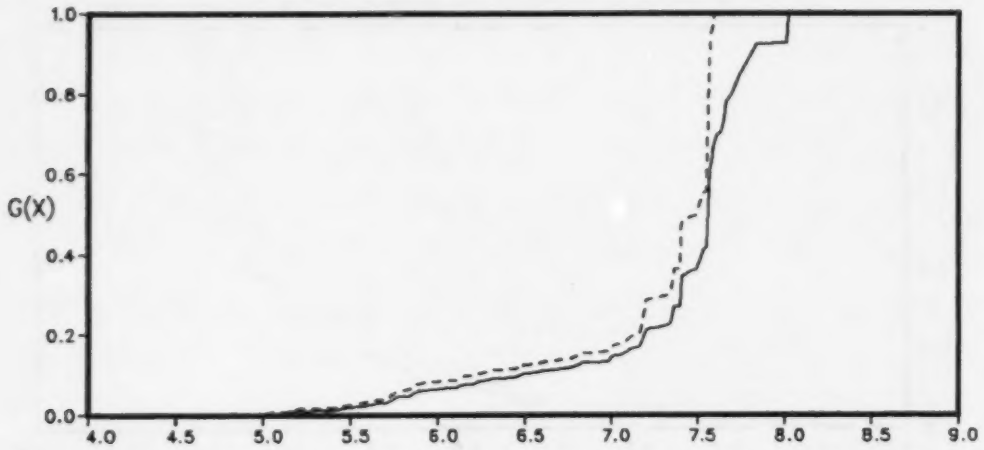


Min: 4.74 Q_1: 5.80 Q_2: 6.28 Q_3: 7.01 Q_4: 7.52 Max: 8.05

Median: 6.68
Mean: 6.62
Std. Dev.: 0.85

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.021	N_{c1}: 31	N_{cu1}: 55
P_{c2}: 0.111	N_{c2}: 164	N_{cu2}: 216
P_{c3}: 0.277	N_{c3}: 411	N_{cu3}: 489



Min: 4.74 Q_1: 7.19 Q_2: 7.52 Q_3: 7.57 Q_4: 7.69 Max: 8.05

Median: 7.56

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.003	A_{c1}: 252	A_{cu1}: 468
G_{c2}: 0.018	A_{c2}: 1765	A_{cu2}: 2424
G_{c3}: 0.064	A_{c3}: 6276	A_{cu3}: 8128

Figure 9-131. Population Estimates, pH (PHSTVL), Subregion 2C.

VARIABLE: PH FOR LAKES≤2000 HA

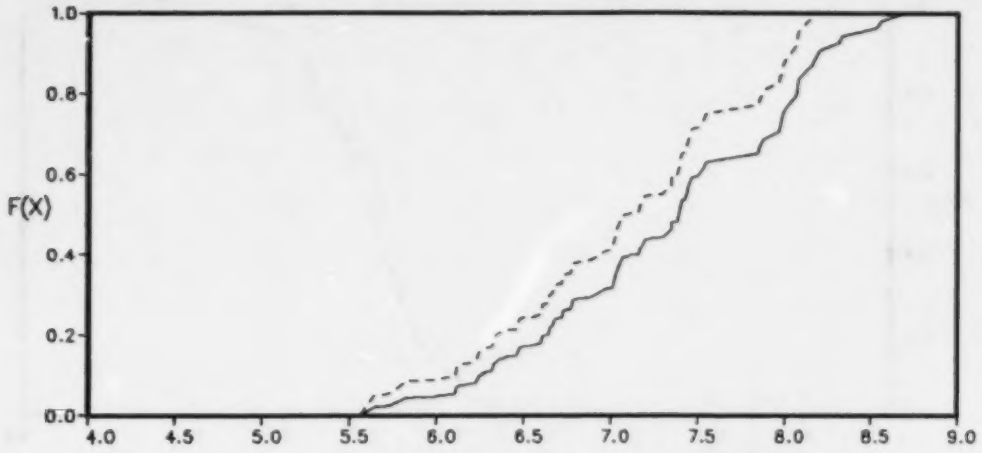
16 FEB 1986

REGION 2
SUB_RGN D
CLASS

X_{c1}: 5.0 X_{c2}: 5.5 X_{c3}: 6.0

Population Size (N): 4515 SE(N): 293.9 Sample Size: 141

Lake Area (A): 226896 SE(A): 58202

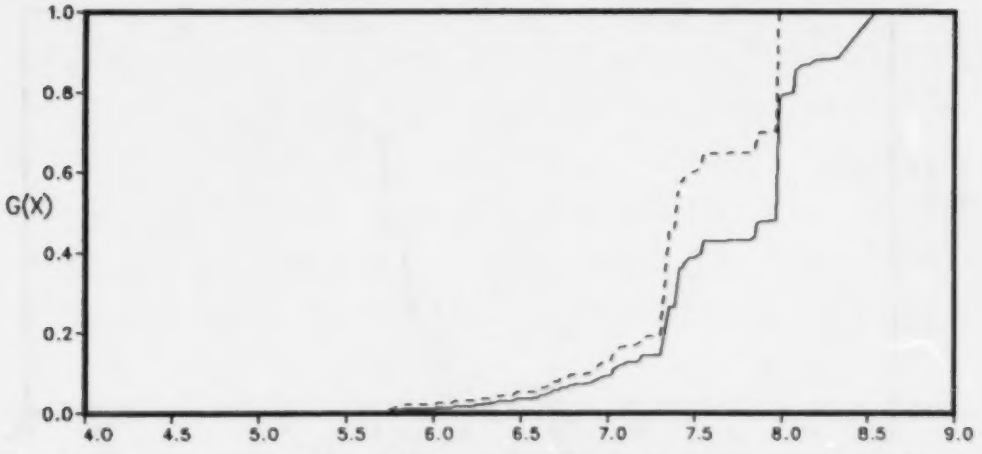


Min: 5.38 Q_1: 6.63 Q_2: 7.14 Q_3: 7.51 Q_4: 8.07 Max: 8.69

Median: 7.39
Mean: 7.33
Std. Dev.: 0.76

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.000	N_{c1}: 0	N_{cu1}: **
P_{c2}: 0.001	N_{c2}: 3	N_{cu2}: 5
P_{c3}: 0.045	N_{c3}: 202	N_{cu3}: 393



Min: 5.38 Q_1: 7.32 Q_2: 7.53 Q_3: 7.98 Q_4: 8.07 Max: 8.69

Median: 7.97

** Not Defined

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.000	A_{c1}: 0	A_{cu1}: **
G_{c2}: 0.000	A_{c2}: 24	A_{cu2}: 42
G_{c3}: 0.010	A_{c3}: 2273	A_{cu3}: 4907

Figure 9-132. Population Estimates, pH (PHSTVL), Subregion 2D.

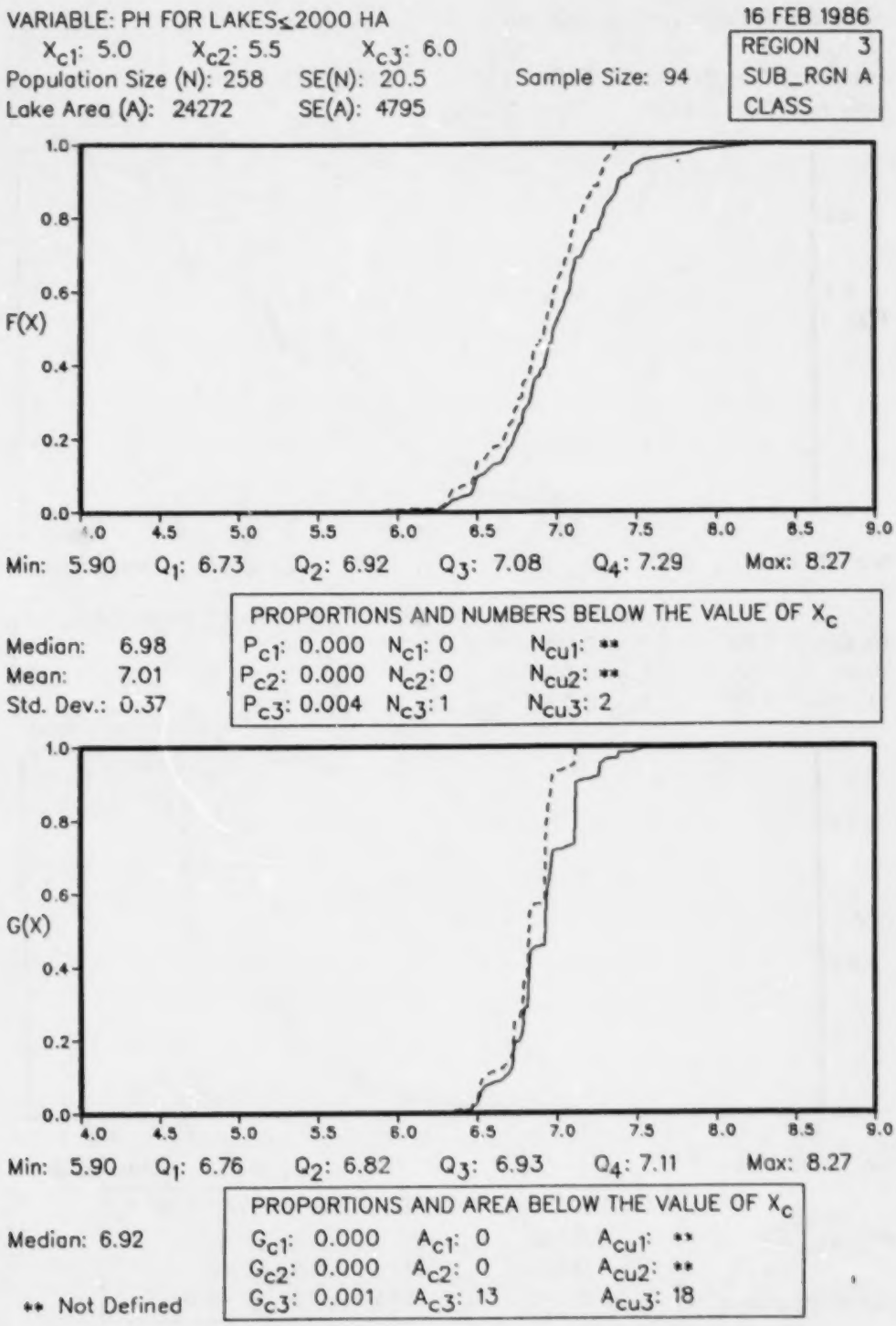


Figure 9-133. Population Estimates, pH (PHSTVL), Subregion 3A.

VARIABLE: PH FOR LAKES≤2000 HA

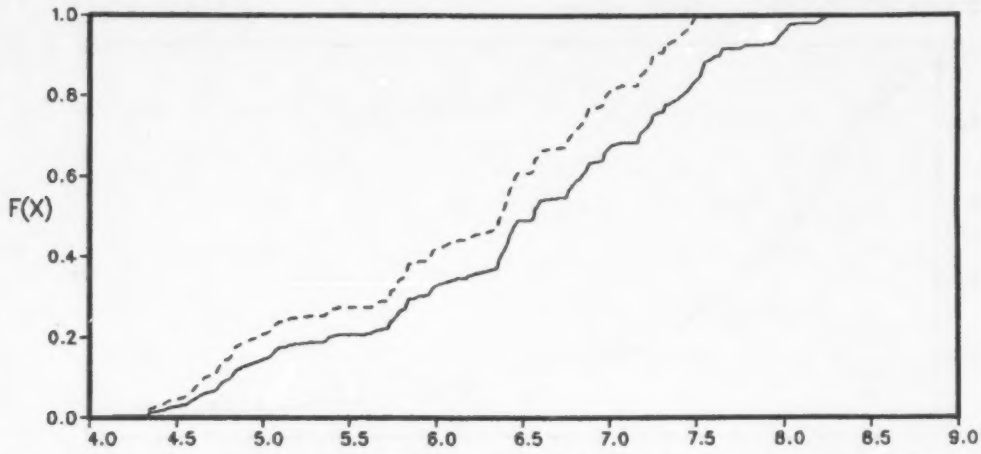
16 FEB 1986

REGION 3
SUB_RGN B
CLASS

X_{c1}: 5.0 X_{c2}: 5.5 X_{c3}: 6.0

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148

Lake Area (A): 66169 SE(A): 10158

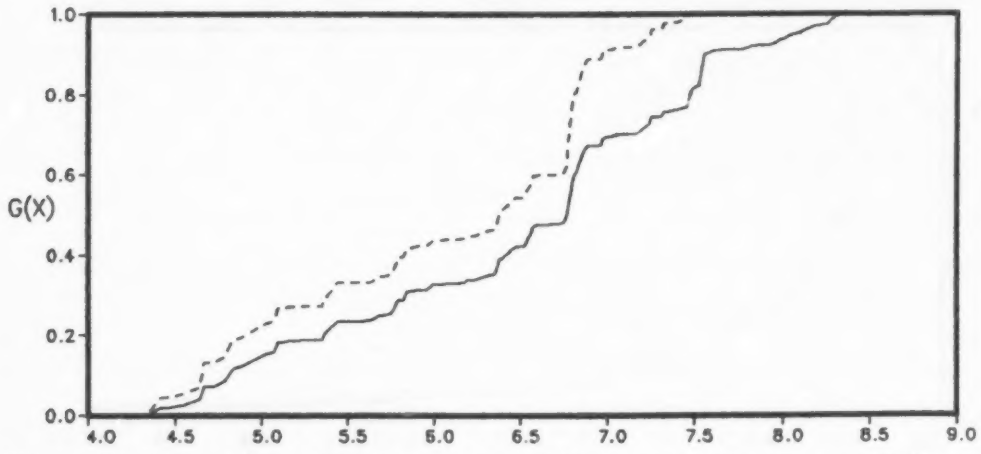


Min: 3.81 Q_1: 5.38 Q_2: 6.37 Q_3: 6.84 Q_4: 7.41 Max: 8.96

Median: 6.56
Mean: 6.45
Std. Dev.: 1.03

PROPORTIONS AND NUMBERS BELOW THE VALUE OF X_c

P_{c1}: 0.124	N_{c1}: 259	N_{cu1}: 385
P_{c2}: 0.206	N_{c2}: 433	N_{cu2}: 574
P_{c3}: 0.327	N_{c3}: 687	N_{cu3}: 878



Min: 3.81 Q_1: 5.36 Q_2: 6.41 Q_3: 6.81 Q_4: 7.47 Max: 8.96

Median: 6.76

PROPORTIONS AND AREA BELOW THE VALUE OF X_c

G_{c1}: 0.120	A_{c1}: 7936	A_{cu1}: 12666
G_{c2}: 0.235	A_{c2}: 15553	A_{cu2}: 21925
G_{c3}: 0.327	A_{c3}: 21635	A_{cu3}: 28889

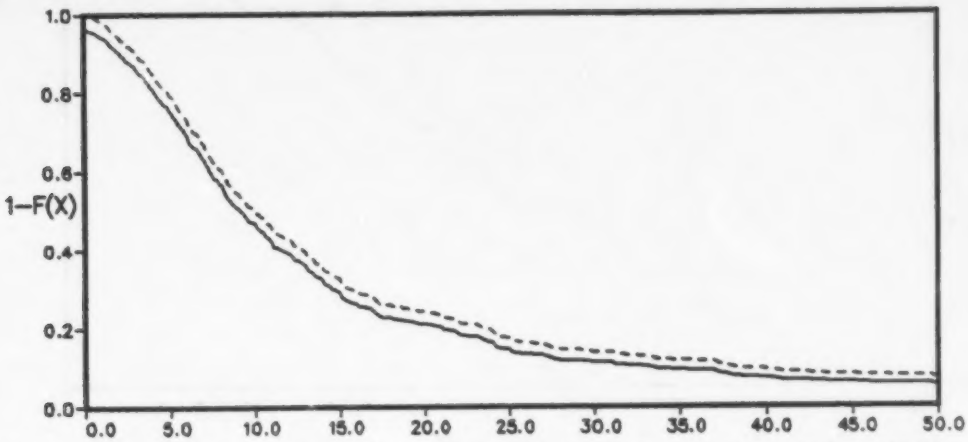
Figure 9-134. Population Estimates, pH (PHSTVL), Subregion 3B.

VARIABLE: PHOSPHORUS AS UG/L FOR LAKES ≤2000 HA

16 FEB 1986

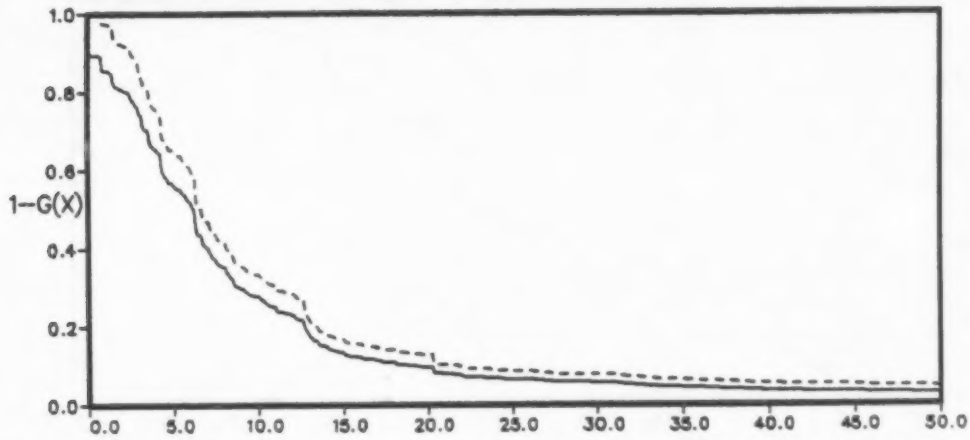
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 0.00 Q_1: 4.01 Q_2: 7.24 Q_3: 11.42 Q_4: 20.64 Max: 376.40

Median: 9.04
Mean: 15.44
Std. Dev.: 22.56



Min: 0.00 Q_1: 2.30 Q_2: 4.21 Q_3: 6.97 Q_4: 12.55 Max: 376.40

Median: 6.20

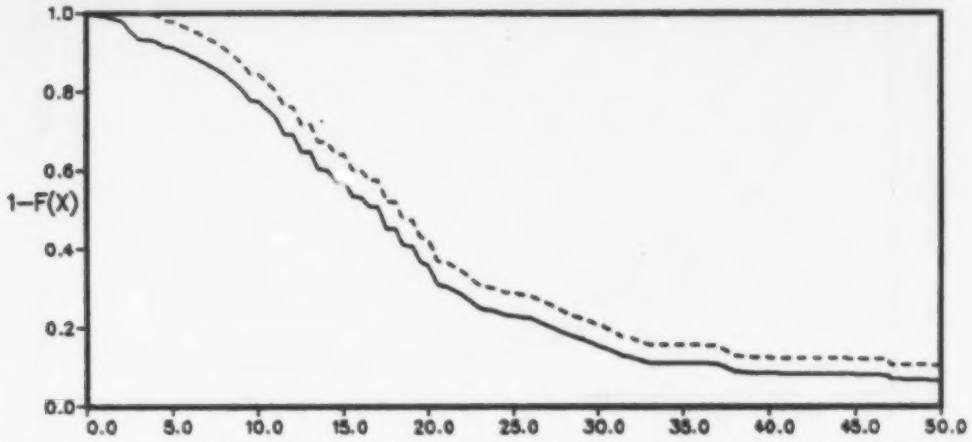
Figure 9-135. Population Estimates, Phosphorus (PTL11), Region 1.

VARIABLE: PHOSPHORUS AS UG/L FOR LAKES ≤2000 HA

16 FEB 1986

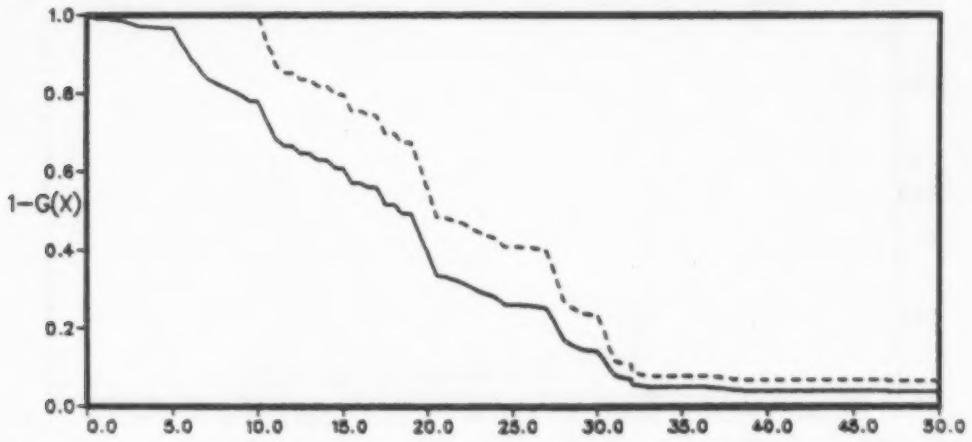
REGION 2
SUB_RGN
CLASS

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 0.00 Q_1: 8.24 Q_2: 13.54 Q_3: 18.61 Q_4: 26.32 Max: 146.00

Median: 16.57
Mean: 20.33
Std. Dev.: 18.76



Min: 0.00 Q_1: 7.77 Q_2: 14.62 Q_3: 19.44 Q_4: 26.62 Max: 146.00

Median: 17.85

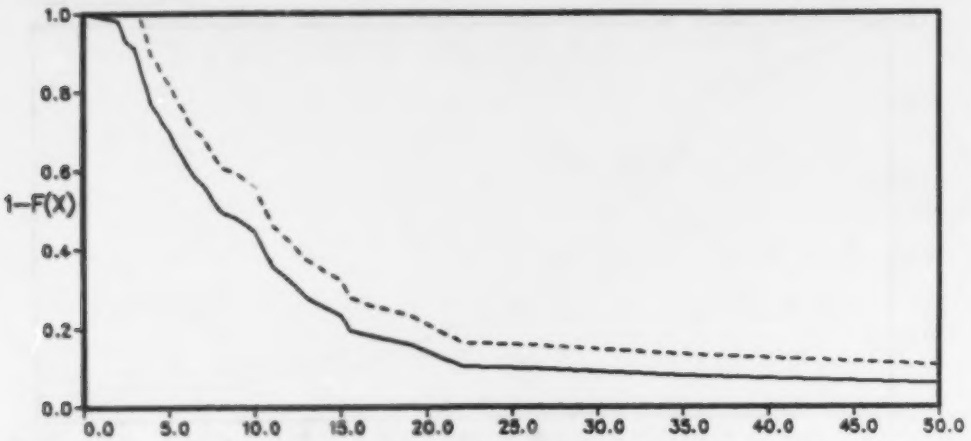
Figure 9-136. Population Estimates, Phosphorus (PTL11), Region 2.

VARIABLE: PHOSPHORUS AS UG/L FOR LAKES ≤2000 HA

16 FEB 1986

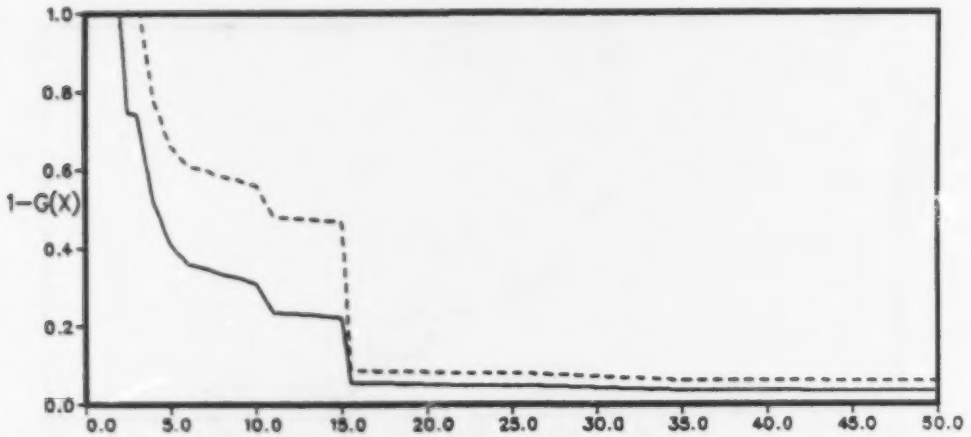
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 0.00 Q_1: 3.00 Q_2: 5.51 Q_3: 9.53 Q_4: 14.80 Max: 833.00

Median: 6.97
Mean: 27.56
Std. Dev.: 113.23



Min: 0.00 Q_1: 1.58 Q_2: 3.00 Q_3: 4.16 Q_4: 13.27 Max: 833.00

Median: 3.19

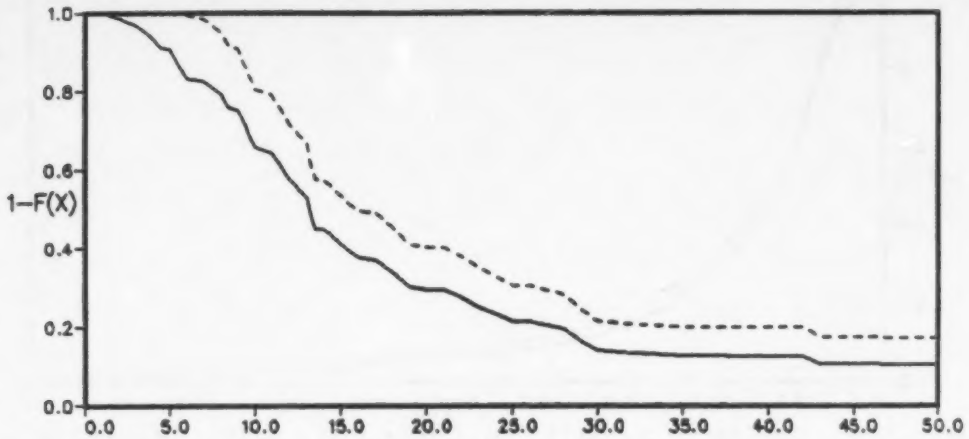
Figure 9-137. Population Estimates, Phosphorus (PTL11), Subregion 3A.

VARIABLE: PHOSPHORUS AS UG/L FOR LAKES ≤2000 HA

16 FEB 1986

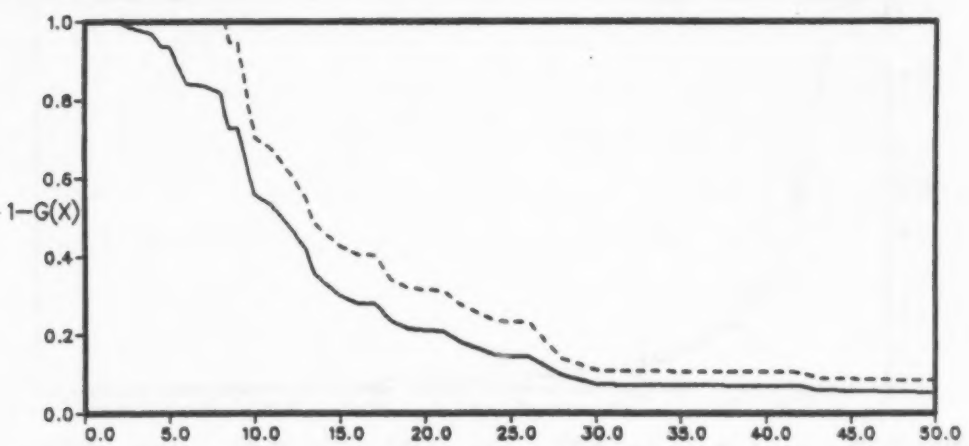
REGION 3
SUB_RGN 8
CLASS

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10158



Min: 0.00 Q_1: 6.76 Q_2: 10.65 Q_3: 14.33 Q_4: 25.76 Max: 495.00

Median: 12.38
Mean: 29.82
Std. Dev.: 59.86



Min: 0.00 Q_1: 7.22 Q_2: 8.88 Q_3: 12.29 Q_4: 20.33 Max: 495.00

Median: 10.61

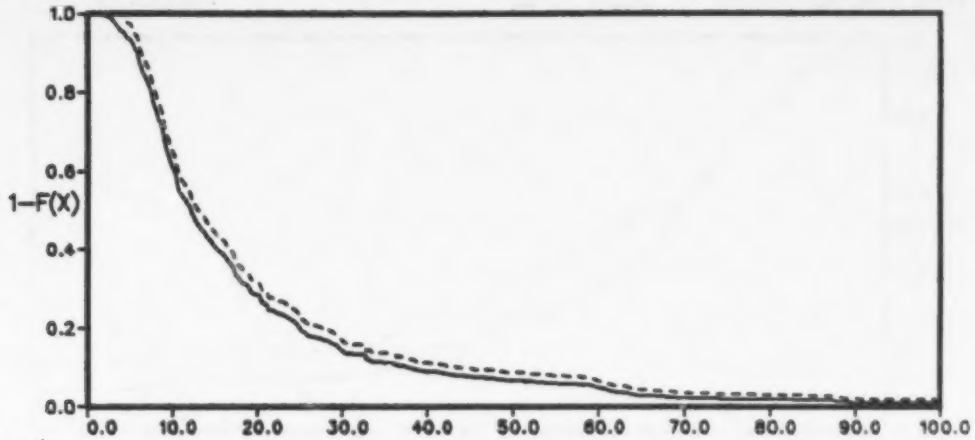
Figure 9-138. Population Estimates, Phosphorus (PTL11), Subregion 3B.

VARIABLE: POTASSIUM AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

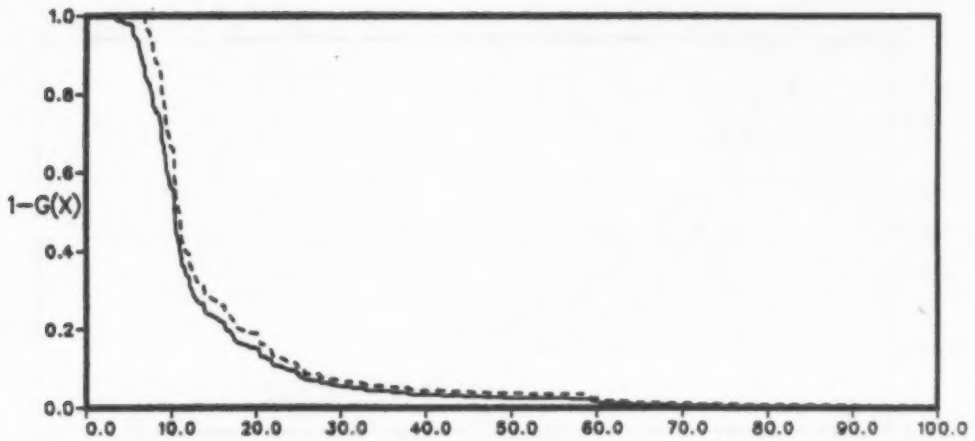
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 0.15 Q_1: 7.42 Q_2: 10.13 Q_3: 15.06 Q_4: 24.91 Max: 149.84

Median: 12.15
Mean: 18.60
Std. Dev.: 19.06



Min: 0.15 Q_1: 7.74 Q_2: 9.50 Q_3: 11.03 Q_4: 16.47 Max: 149.84

Median: 10.35

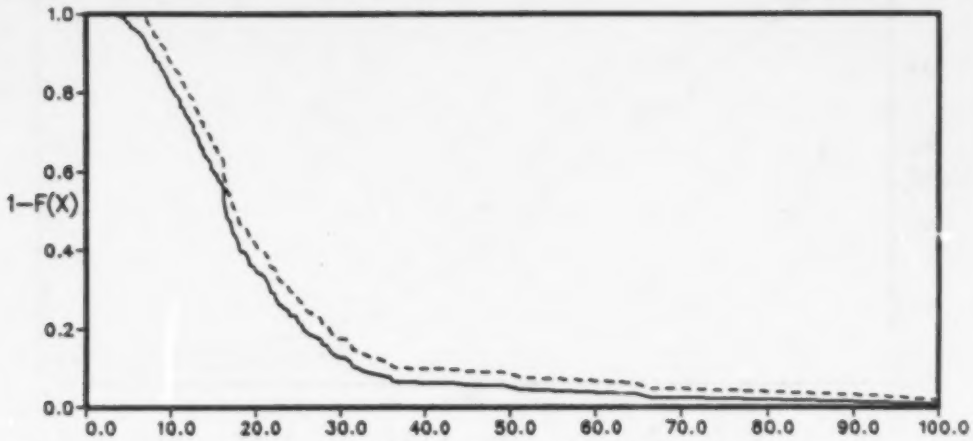
Figure 9-139. Population Estimates, Potassium (K16), Region 1.

VARIABLE: POTASSIUM AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

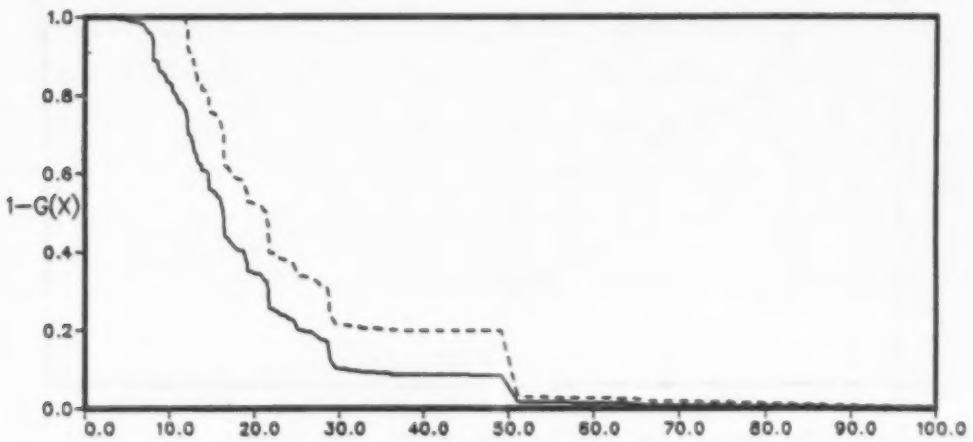
REGION	2
SUB_RGN	
CLASS	

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 2.30 Q_1: 10.22 Q_2: 14.83 Q_3: 17.96 Q_4: 25.42 Max: 165.18

Median: 16.31
Mean: 20.03
Std. Dev.: 15.59



Min: 2.30 Q_1: 10.54 Q_2: 14.32 Q_3: 18.47 Q_4: 25.25 Max: 165.18

Median: 16.26

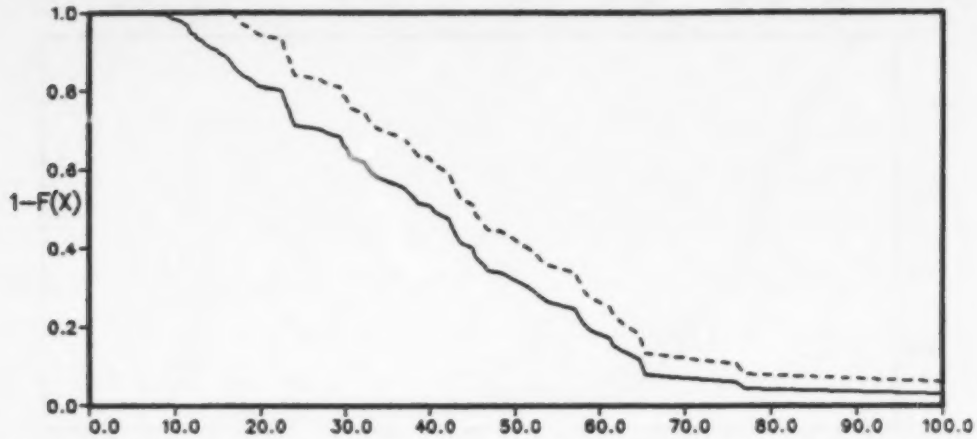
Figure 8-140. Population Estimates, Potassium (K16), Region 2.

VARIABLE: POTASSIUM AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

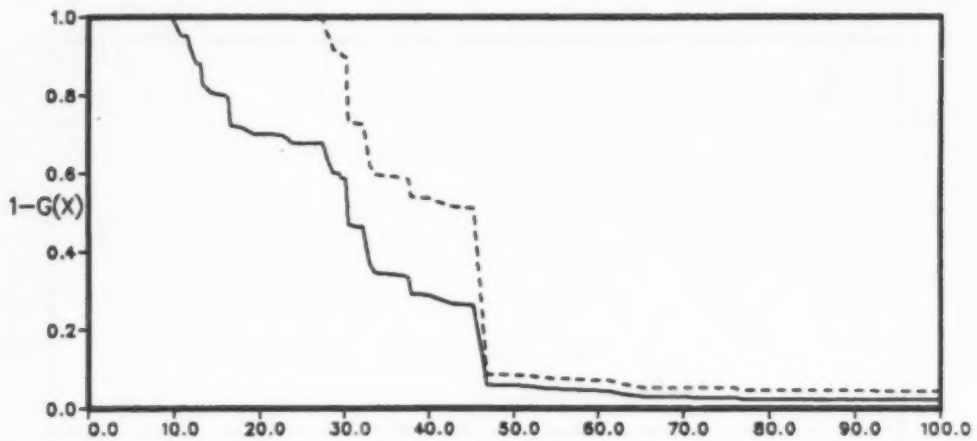
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 3.84 Q_1: 20.97 Q_2: 32.12 Q_3: 43.46 Q_4: 57.56 Max: 117.11

Median: 39.39
Mean: 40.50
Std. Dev.: 21.38



Min: 3.84 Q_1: 15.44 Q_2: 28.83 Q_3: 32.01 Q_4: 45.08 Max: 117.11

Median: 30.11

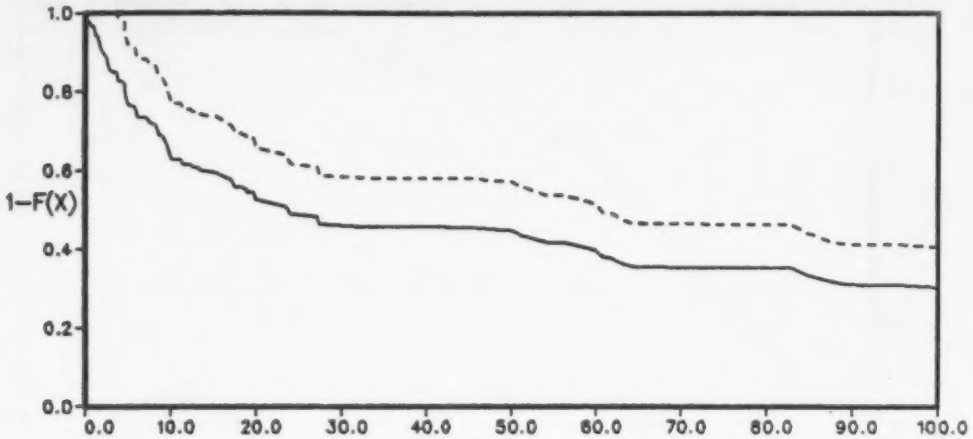
Figure 9-141. Population Estimates, Potassium (K16), Subregion 3A.

VARIABLE: POTASSIUM AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

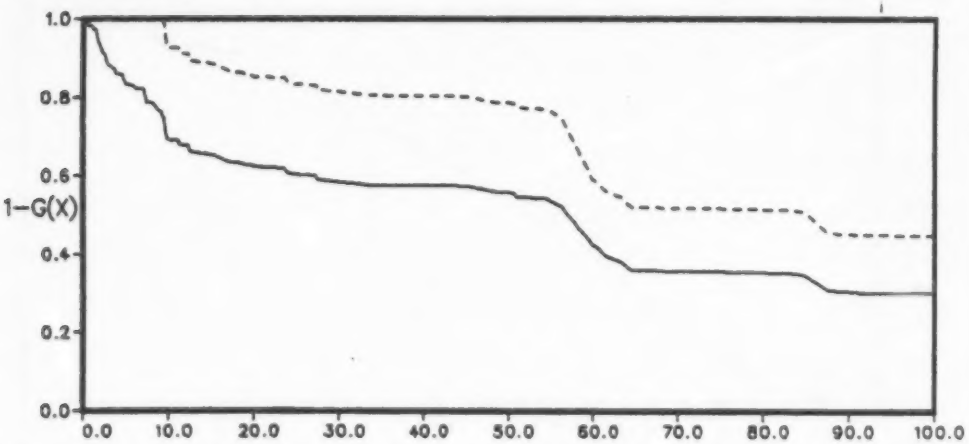
REGION	3
SUB_RGN	8
CLASS	

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10158



Min: 0.10 Q_1: 4.62 Q_2: 13.34 Q_3: 56.10 Q_4: 139.62 Max: 638.74

Median: 21.60
Mean: 75.28
Std. Dev.: 104.40



Min: 0.10 Q_1: 6.78 Q_2: 24.92 Q_3: 60.40 Q_4: 138.89 Max: 638.74

Median: 54.66

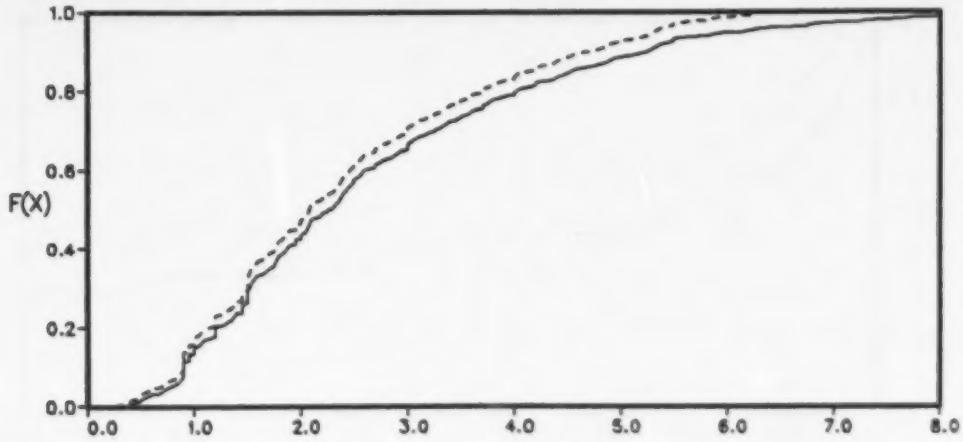
Figure 9-142. Population Estimates, Potassium (K16), Subregion 3B.

VARIABLE: SECCHI TRANSP. IN M FOR LAKES ≤2000 HA

16 FEB 1986

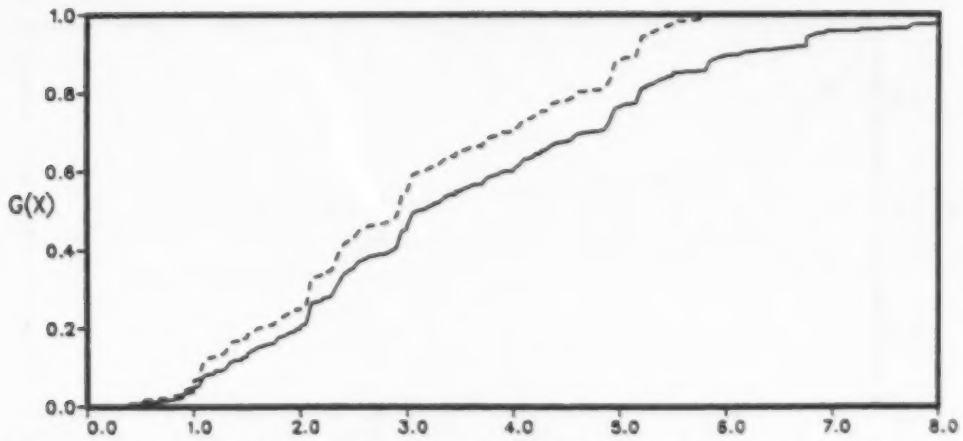
REGION 1
SUB_RGN
CLASS

Population Size (N): 7095 SE(N): 166.2 Sample Size: 760
Lake Area (A): 431126 SE(A): 36854



Min: 0.25 Q_1: 1.20 Q_2: 1.87 Q_3: 2.62 Q_4: 4.02 Max: 11.45

Median: 2.27
Mean: 2.72
Std. Dev.: 1.75



Min: 0.25 Q_1: 2.00 Q_2: 2.86 Q_3: 3.90 Q_4: 5.18 Max: 11.45

Median: 3.08

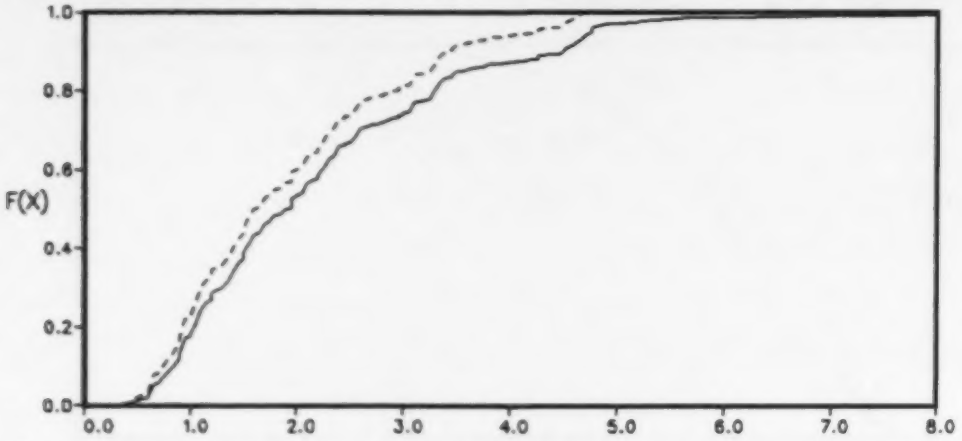
Figure 9-143. Population Estimates, Secchi Disk Transparency (SECMEAN), Region 1.

VARIABLE: SECCHI TRANSP. IN M FOR LAKES ≤2000 HA

16 FEB 1986

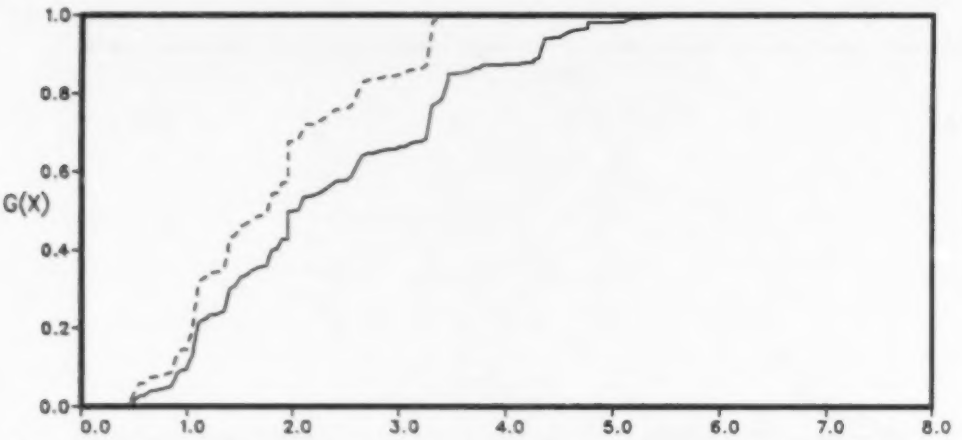
REGION 2
SUB_RGN
CLASS

Population Size (N): 8501 SE(N): 315.4 Sample Size: 586
Lake Area (A): 501476 SE(A): 73306



Min: 0.35 Q_1: 1.03 Q_2: 1.52 Q_3: 2.24 Q_4: 3.29 Max: 9.05

Median: 1.90
Mean: 2.25
Std. Dev.: 1.43



Min: 0.35 Q_1: 1.09 Q_2: 1.80 Q_3: 2.57 Q_4: 3.41 Max: 9.05

Median: 2.01

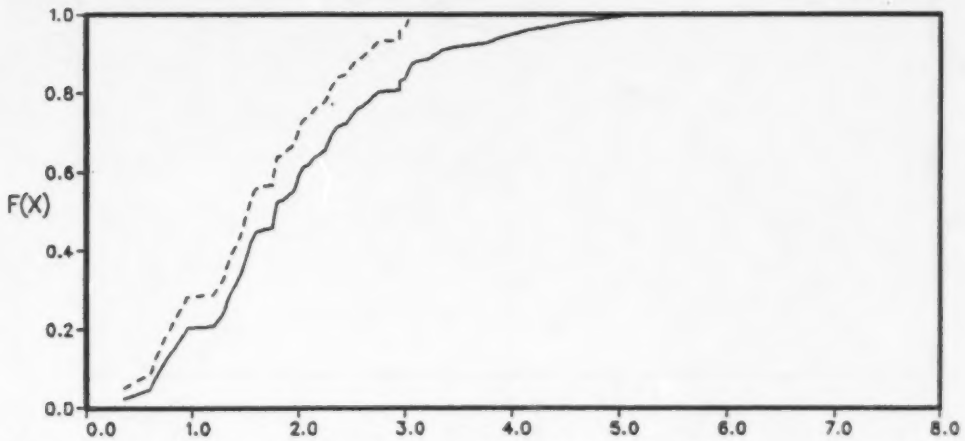
Figure 9-144. Population Estimates, Secchi Disk Transparency (SECMEAN), Region 2.

VARIABLE: SECCHI TRANSP. IN M FOR LAKES ≤2000 HA

16 FEB 1986

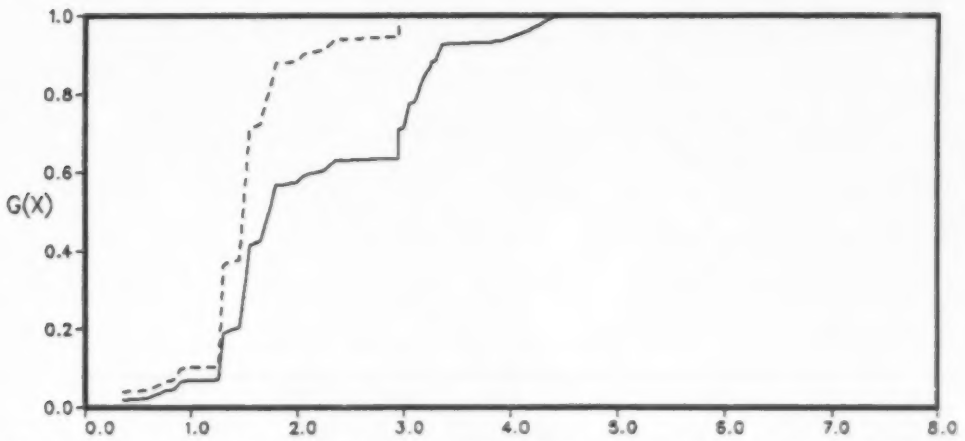
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.6 Sample Size: 93
Lake Area (A): 24355 SE(A): 4800



Min: 0.35 Q_1: 0.94 Q_2: 1.52 Q_3: 2.02 Q_4: 2.74 Max: 5.15

Median: 1.78
Mean: 1.99
Std. Dev.: 1.05



Min: 0.35 Q_1: 1.40 Q_2: 1.54 Q_3: 2.18 Q_4: 3.13 Max: 5.15

Median: 1.73

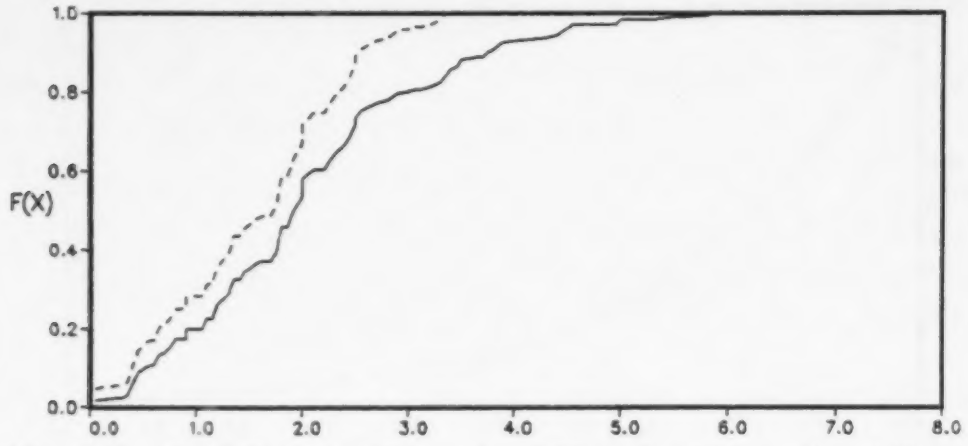
Figure 9-145. Population Estimates, Secchi Disk Transparency (SECMEAN), Subregion 3A.

VARIABLE: SECCHI TRANSP. IN M FOR LAKES ≤2000 HA

16 FEB 1986

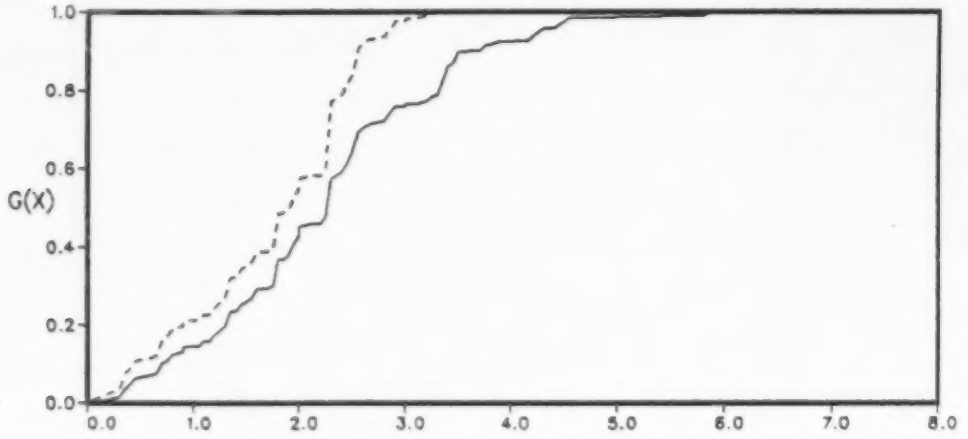
REGION 3
SUB_RGN 8
CLASS

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10159



Min: 0.05 Q_1: 0.97 Q_2: 1.75 Q_3: 2.08 Q_4: 3.00 Max: 8.45

Median: 1.92
Mean: 2.07
Std. Dev.: 1.22



Min: 0.05 Q_1: 1.31 Q_2: 1.93 Q_3: 2.42 Q_4: 3.32 Max: 8.45

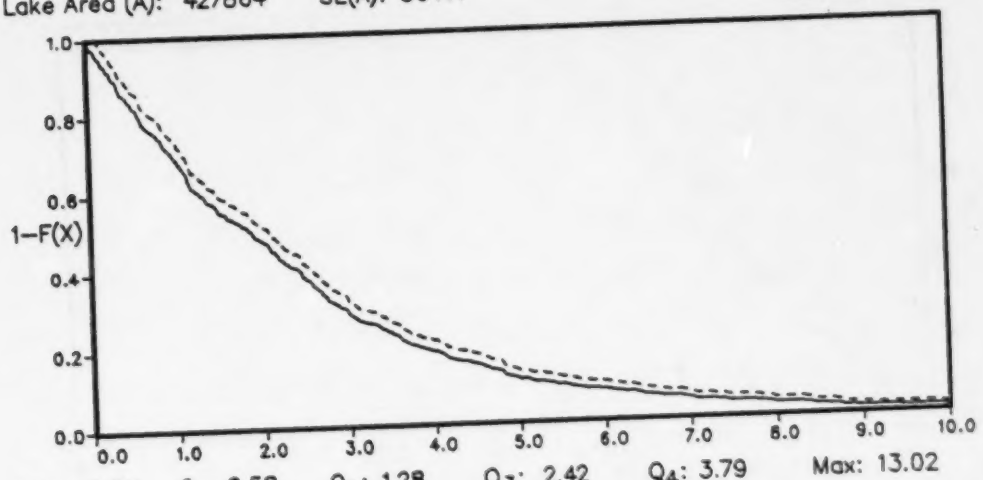
Median: 2.26

Figure 9-146. Population Estimates, Secchi Disk Transparency (SECMEAN), Subregion 3B.

VARIABLE: SILICA AS MG/L FOR LAKES ≤2000 HA

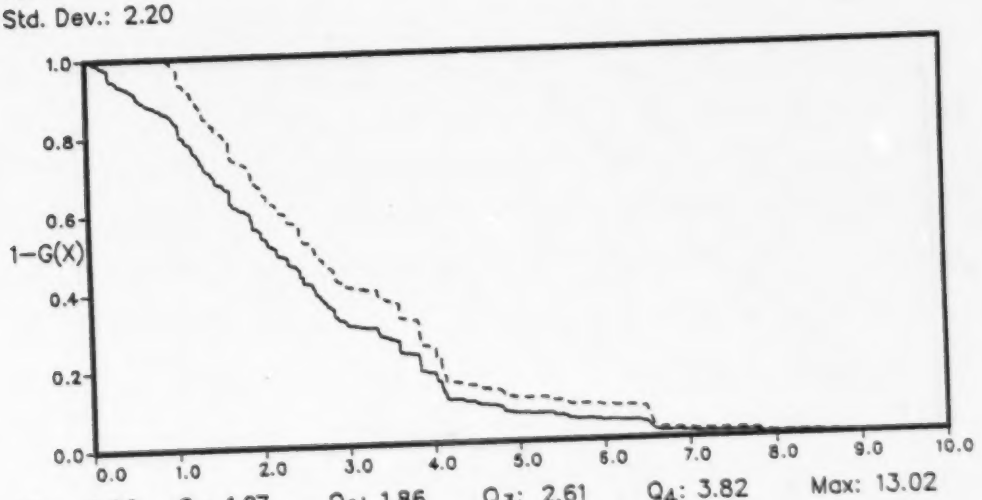
16 FEB 1986
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 0.00 Q_1: 0.58 Q_2: 1.28 Q_3: 2.42 Q_4: 3.79 Max: 13.02

Median: 1.86
Mean: 2.41
Std. Dev.: 2.20



Min: 0.00 Q_1: 1.07 Q_2: 1.86 Q_3: 2.61 Q_4: 3.82 Max: 13.02

Median: 2.18

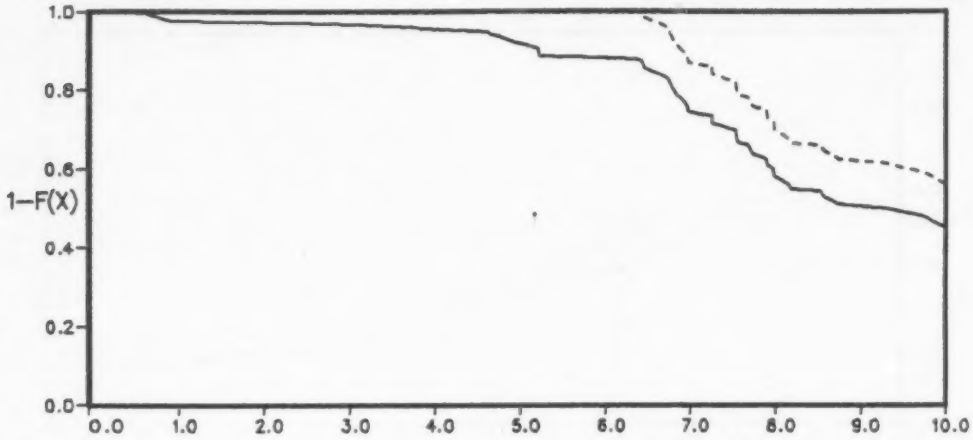
Figure 9-147. Population Estimates, Silica (SIO211), Region 1.

VARIABLE: SILICA AS MG/L FOR LAKES ≤2000 HA

16 FEB 1986

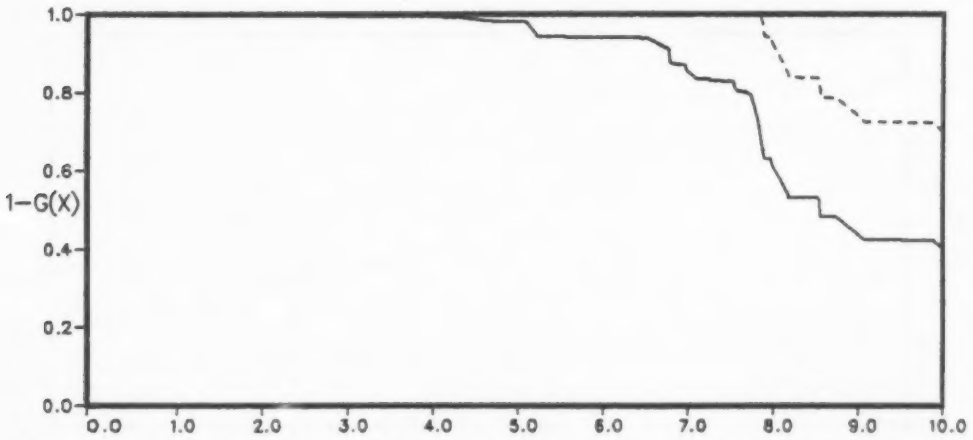
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 0.16 Q_1: 6.78 Q_2: 7.91 Q_3: 10.78 Q_4: 13.65 Max: 19.92

Median: 9.04
Mean: 9.94
Std. Dev.: 4.17



Min: 0.16 Q_1: 7.61 Q_2: 7.97 Q_3: 9.83 Q_4: 13.24 Max: 19.92

Median: 8.53

Figure 9-149. Population Estimates, Silica (SIO211), Subregion 3A.

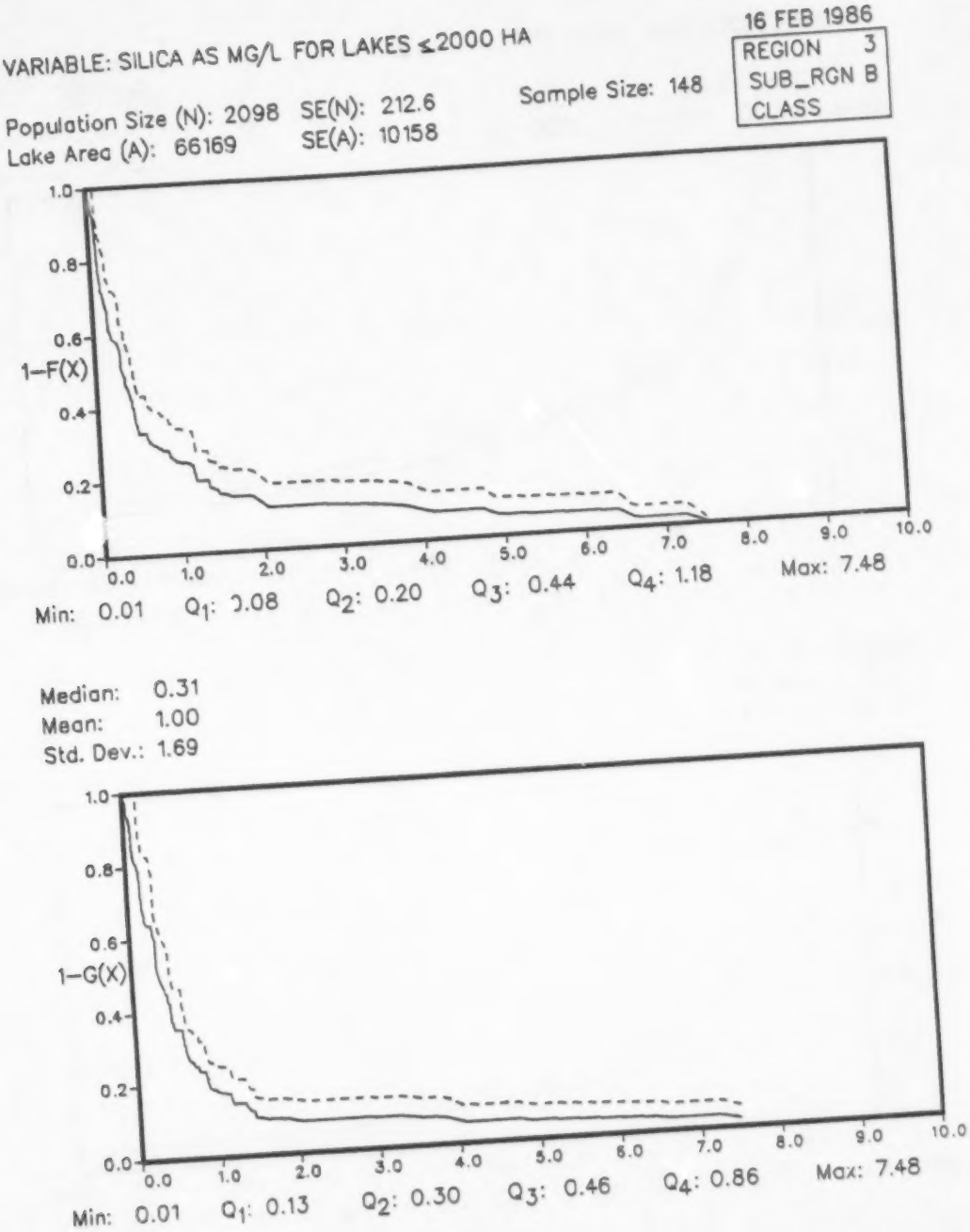


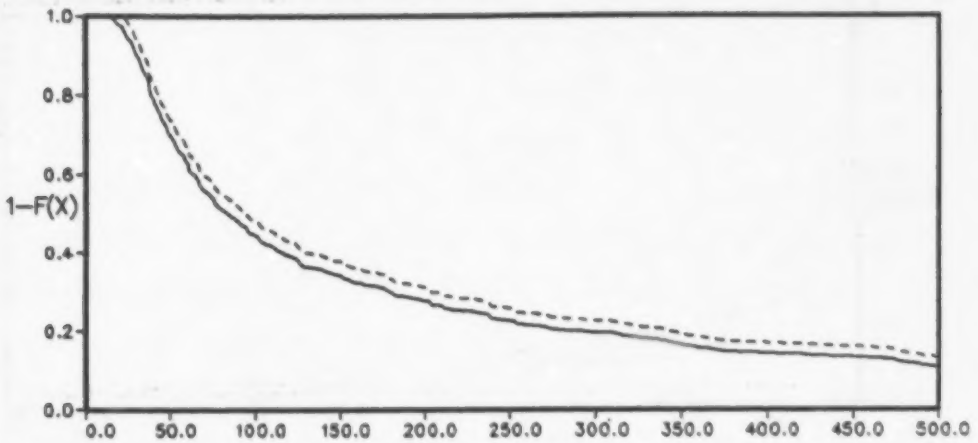
Figure 9-150. Population Estimates, Silica (SIO211), Subregion 3B.

VARIABLE: SODIUM AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

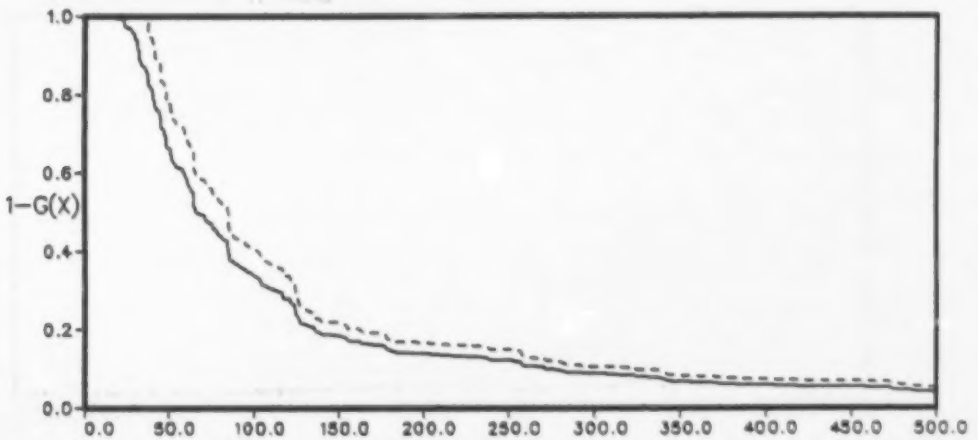
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 3.87 Q_1: 38.60 Q_2: 62.83 Q_3: 114.25 Q_4: 285.20 Max: 2154.99

Median: 82.84
Mean: 205.26
Std. Dev.: 301.54



Min: 3.87 Q_1: 39.86 Q_2: 58.48 Q_3: 84.60 Q_4: 134.24 Max: 2154.99

Median: 66.04

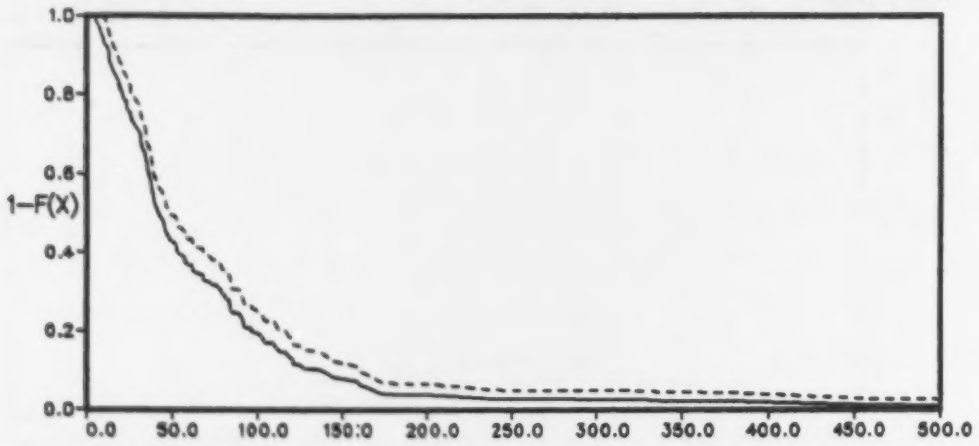
Figure 9-161. Population Estimates, Sodium (NA16), Region 1

VARIABLE: SODIUM AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

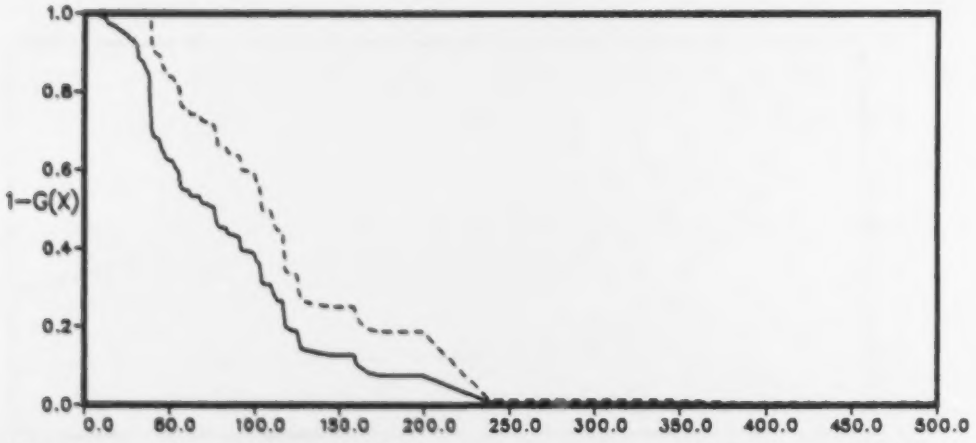
REGION 2
SUB_RGN
CLASS

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 2.61 Q_1: 20.28 Q_2: 35.36 Q_3: 52.45 Q_4: 95.33 Max: 876.96

Median: 41.18
Mean: 66.33
Std. Dev.: 76.50



Min: 2.61 Q_1: 37.60 Q_2: 52.98 Q_3: 91.12 Q_4: 116.25 Max: 876.96

Median: 75.01

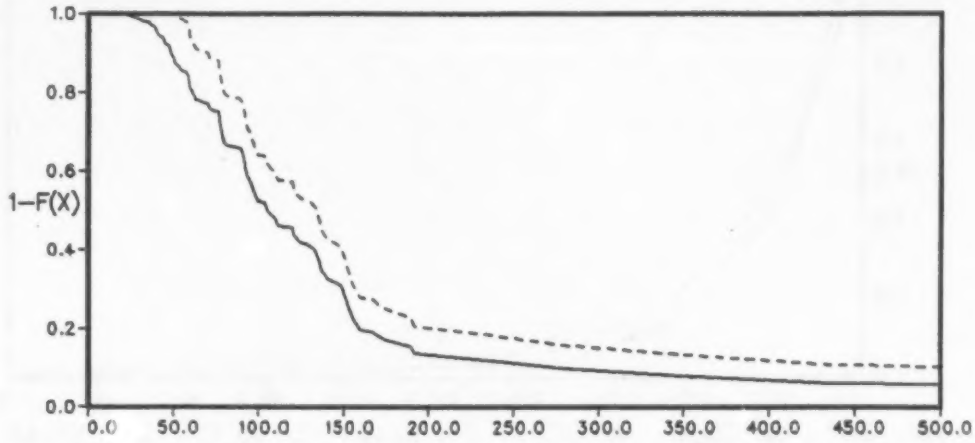
Figure 9-152. Population Estimates, Sodium (NA16), Region 2.

VARIABLE: SODIUM AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

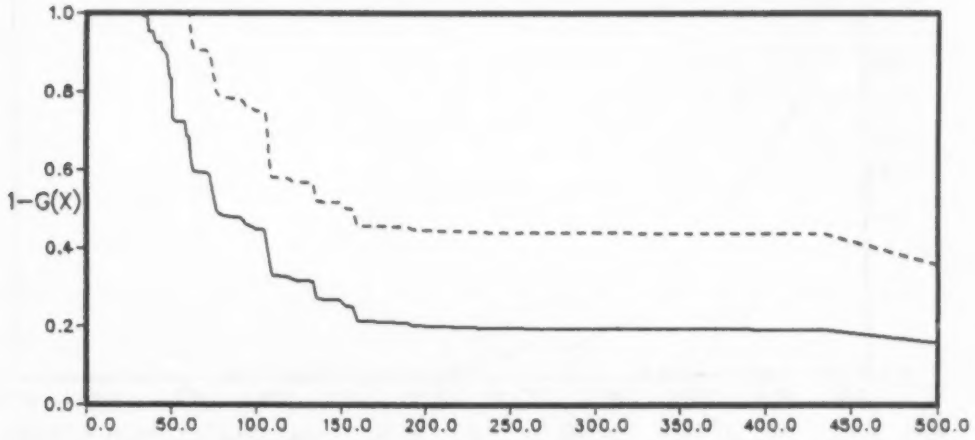
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 16.09 Q_1: 59.86 Q_2: 91.55 Q_3: 127.58 Q_4: 156.08 Max: 2546.88

Median: 103.11
Mean: 169.53
Std. Dev.: 278.83



Min: 16.09 Q_1: 49.29 Q_2: 62.13 Q_3: 103.80 Q_4: 190.30 Max: 2546.88

Median: 72.54

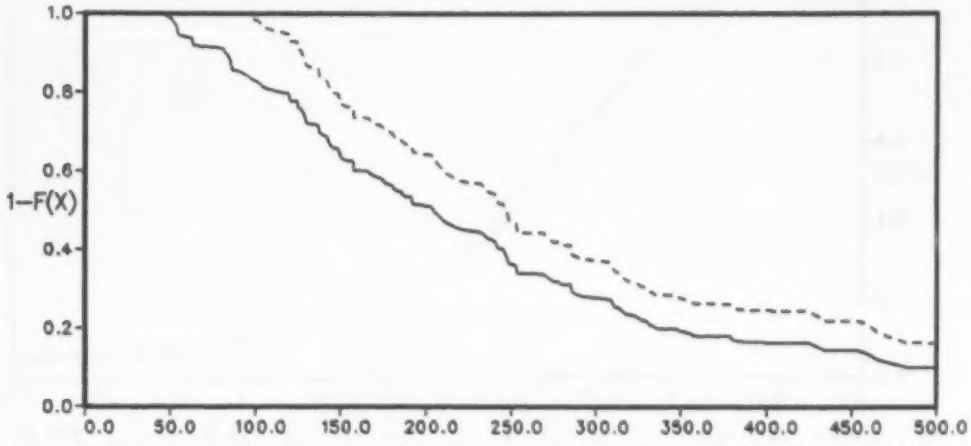
Figure 9-153. Population Estimates, Sodium (NA16), Subregion 3A.

VARIABLE: SODIUM AS UEQ/L FOR LAKES ≤2000 HA

16 FEB 1986

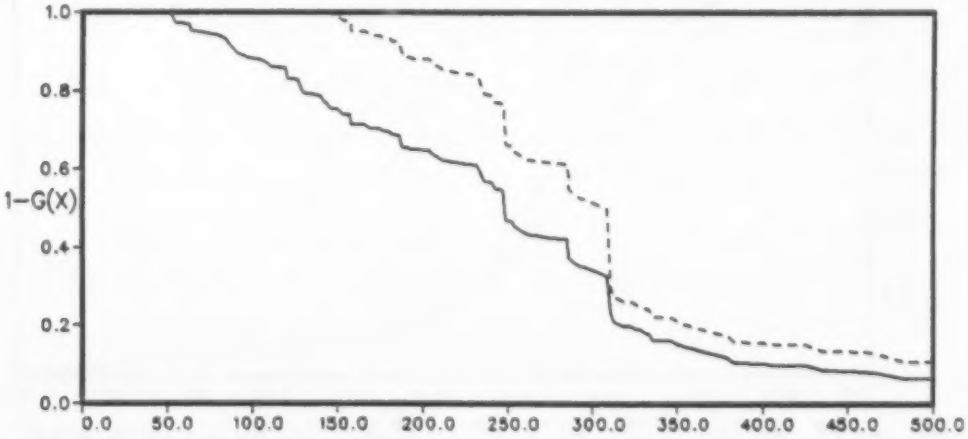
REGION 3
SUB_RGN 8
CLASS

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10158



Min: 45.37 Q_1: 107.42 Q_2: 157.08 Q_3: 242.14 Q_4: 340.12 Max: 1241.05

Median: 197.86
Mean: 254.42
Std. Dev.: 206.35



Min: 45.37 Q_1: 126.78 Q_2: 226.78 Q_3: 284.21 Q_4: 311.82 Max: 1241.05

Median: 245.76

Figure 9-164. Population Estimates, Sodium (NA16), Subregion 3B.

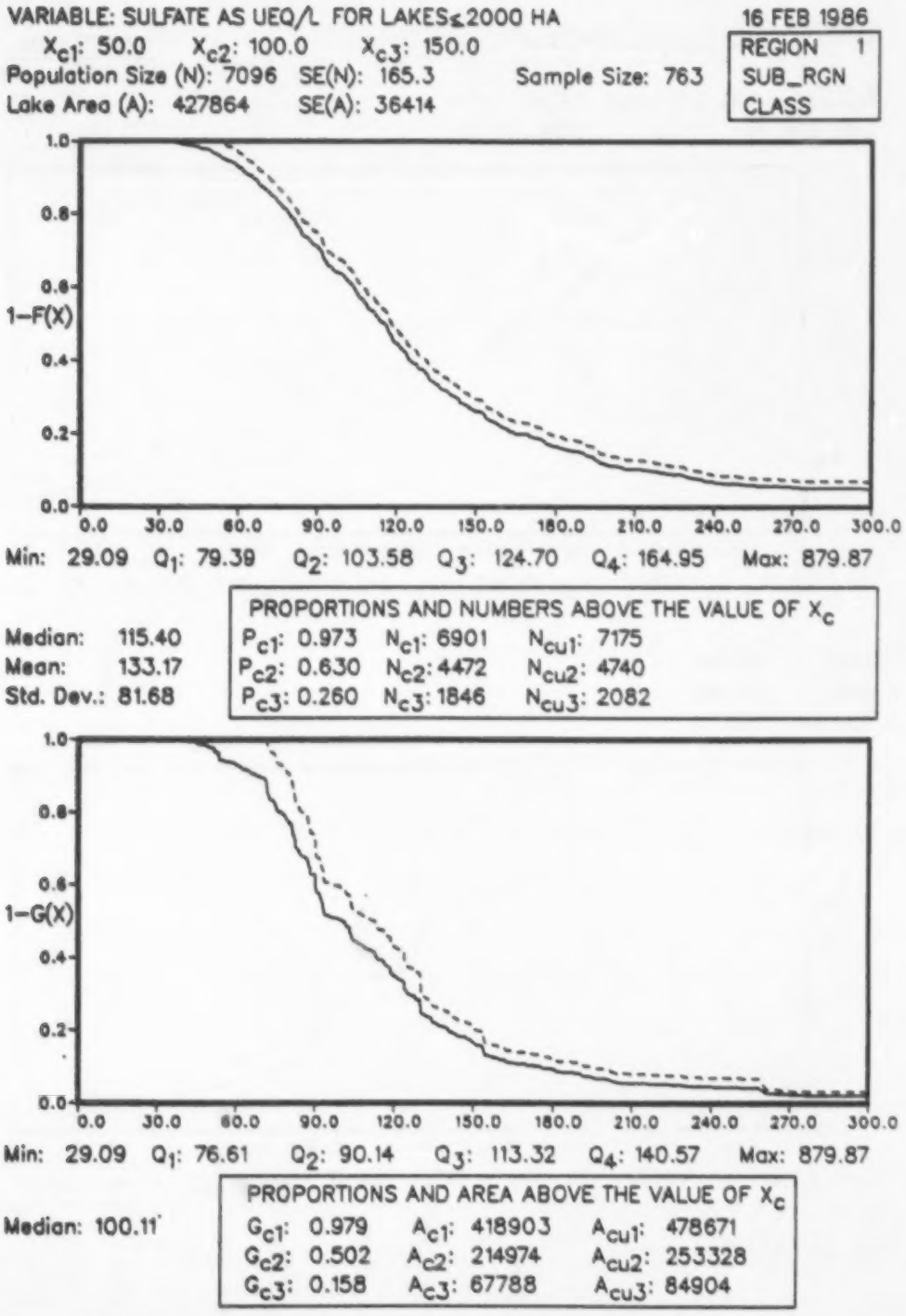


Figure 9-155. Population Estimates, Sulfate (SO416), Region 1.

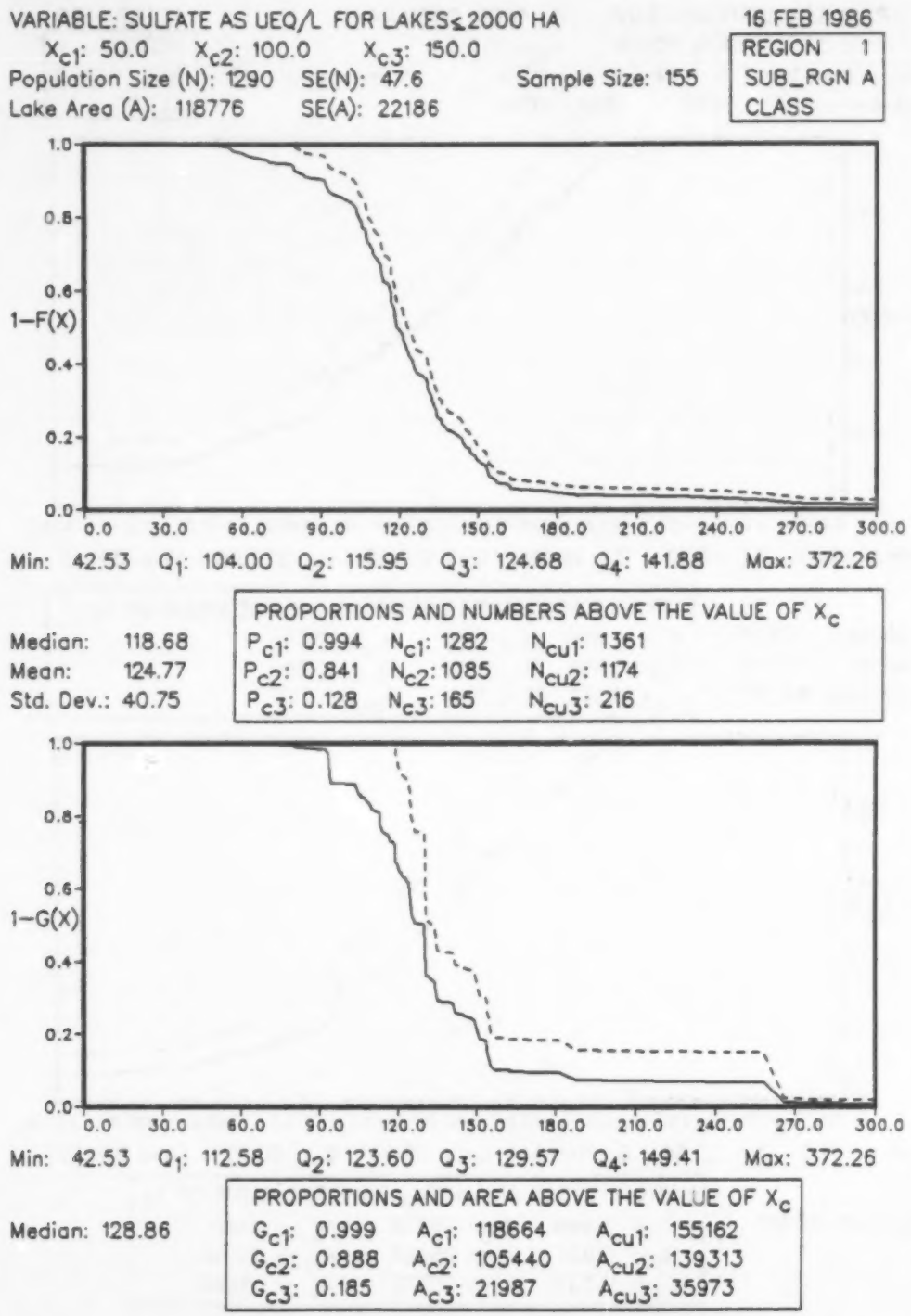


Figure 9-156. Population Estimates, Sulfate (SO416), Subregion 1A.

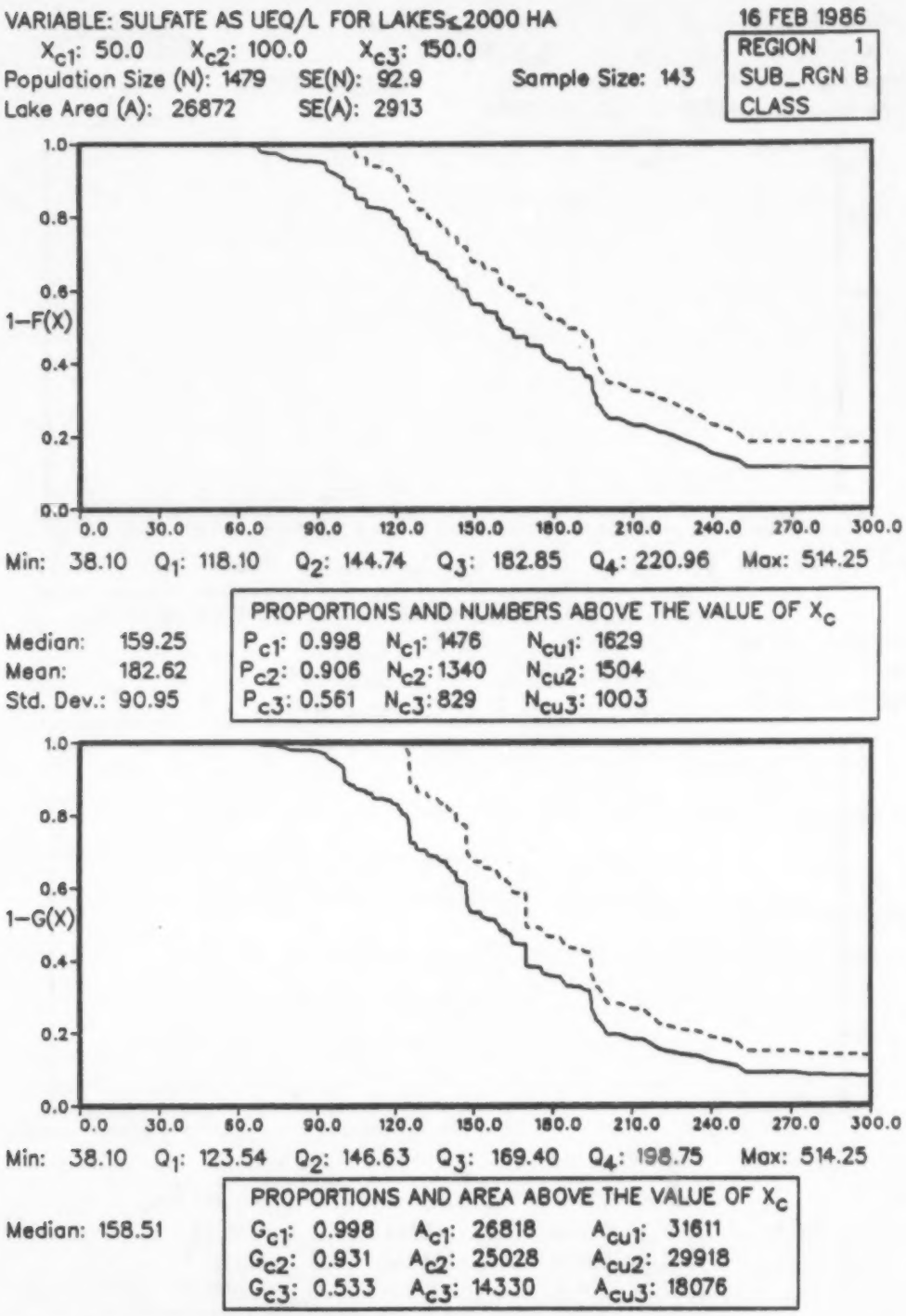


Figure 9-157. Population Estimates, Sulfate (SO416), Subregion 1B.

VARIABLE: SULFATE AS UEQ/L FOR LAKES≤2000 HA

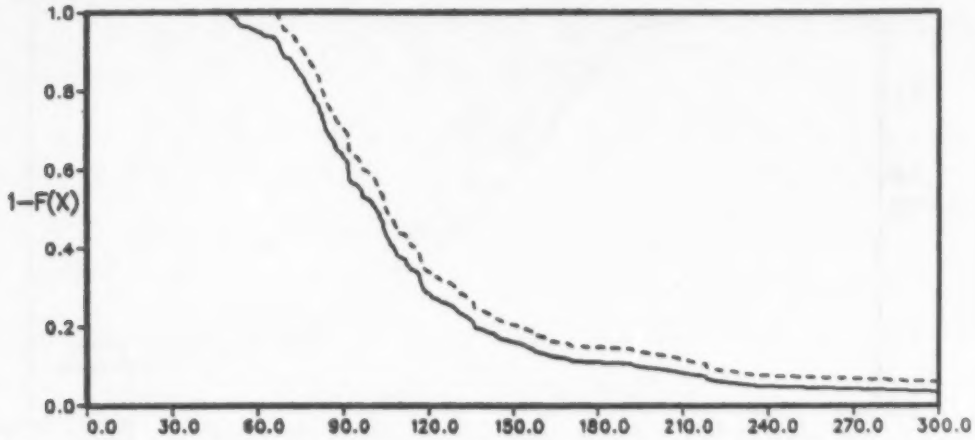
16 FEB 1986

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 1483 SE(N): 57.5 Sample Size: 163

Lake Area (A): 72412 SE(A): 12013

REGION 1
SUB_RGN C
CLASS

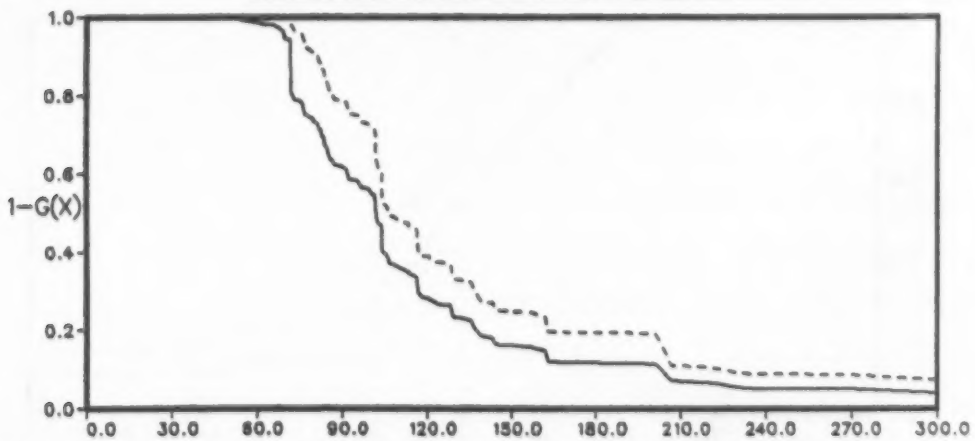


Min: 45.18 Q_1: 77.91 Q_2: 91.37 Q_3: 107.26 Q_4: 136.09 Max: 879.87

Median: 101.24
Mean: 119.32
Std. Dev.: 84.30

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.995	N_{c1}: 1475	N_{cu1}: 1570
P_{c2}: 0.512	N_{c2}: 759	N_{cu2}: 862
P_{c3}: 0.157	N_{c3}: 232	N_{cu3}: 299



Min: 45.18 Q_1: 71.78 Q_2: 91.66 Q_3: 103.85 Q_4: 136.27 Max: 879.87

Median: 101.48

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.999	A_{c1}: 72321	A_{cu1}: 92086
G_{c2}: 0.548	A_{c2}: 39653	A_{cu2}: 51728
G_{c3}: 0.160	A_{c3}: 11577	A_{cu3}: 17882

Figure 9-158. Population Estimates, Sulfate (SO416), Subregion 1C.

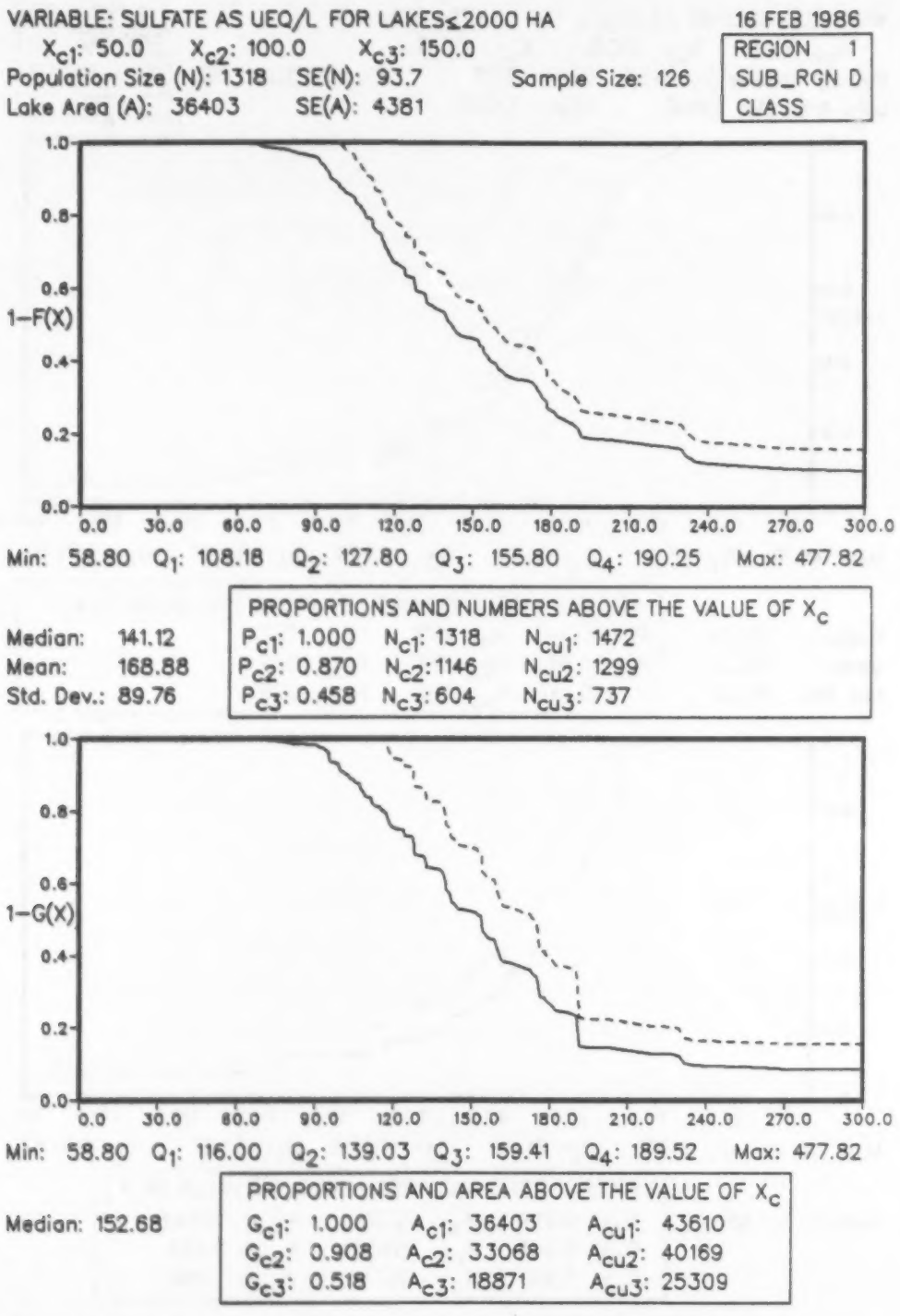


Figure 9-158. Population Estimates, Sulfate (SO416), Subregion 1D.

VARIABLE: SULFATE AS UEQ/L FOR LAKES≤2000 HA

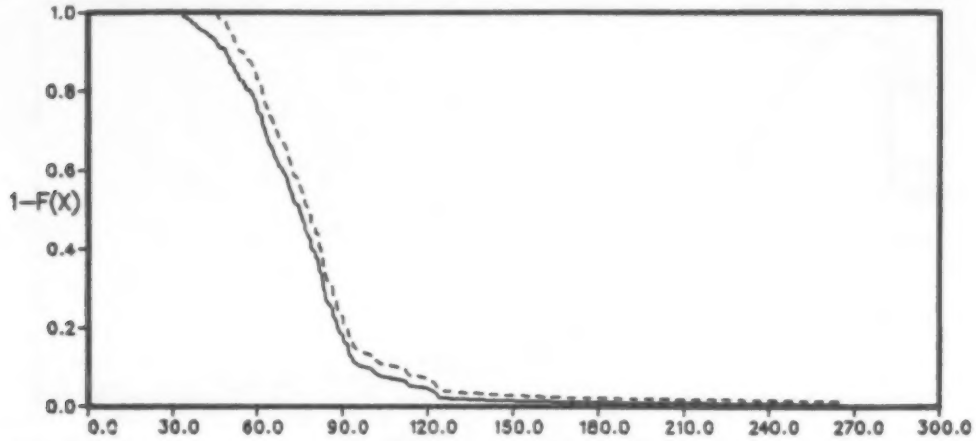
16 FEB 1986

REGION 1
SUB_RGN E
CLASS

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 1526 SE(N): 66.0 Sample Size: 176

Lake Area (A): 173400 SE(A): 25725

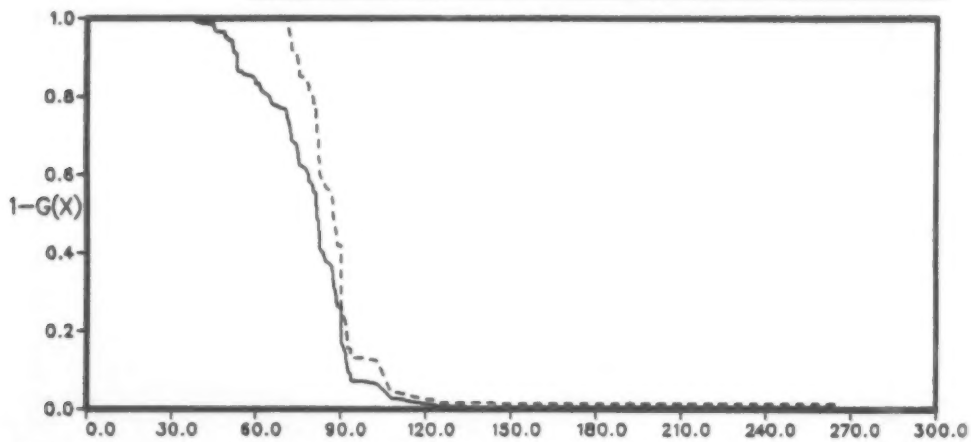


Min: 29.09 Q_1: 56.37 Q_2: 68.58 Q_3: 78.72 Q_4: 87.82 Max: 264.31

Median: 74.61
Mean: 74.98
Std. Dev.: 25.24

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.885 N_{c1}: 1350 N_{cu1}: 1463
P_{c2}: 0.093 N_{c2}: 142 N_{cu2}: 196
P_{c3}: 0.011 N_{c3}: 16 N_{cu3}: 34



Min: 29.09 Q_1: 64.18 Q_2: 78.20 Q_3: 83.72 Q_4: 90.14 Max: 264.31

Median: 81.29

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.950 A_{c1}: 164696 A_{cu1}: 206822
G_{c2}: 0.068 A_{c2}: 11785 A_{cu2}: 21960
G_{c3}: 0.006 A_{c3}: 1022 A_{cu3}: 2488

Figure 9-160. Population Estimates, Sulfate (SO416), Subregion 1E.

VARIABLE: SULFATE AS UEQ/L FOR LAKES≤2000 HA

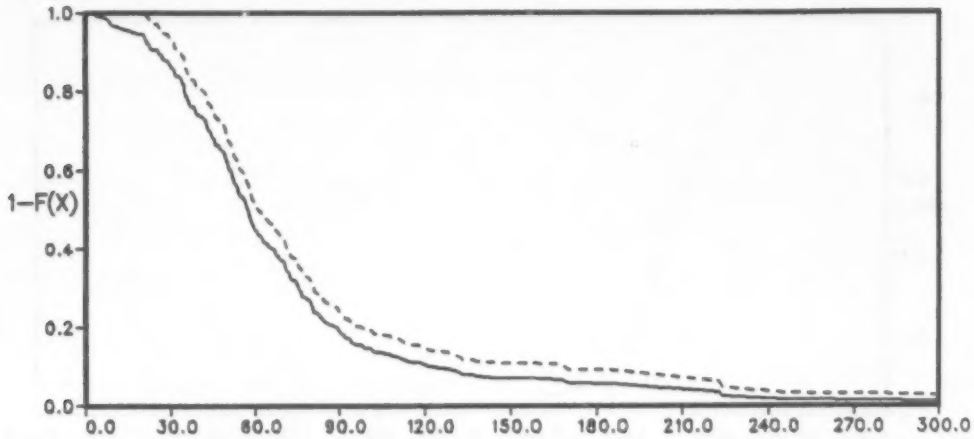
16 FEB 1986

REGION 2
SUB_RGN
CLASS

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587

Lake Area (A): 501457 SE(A): 73306

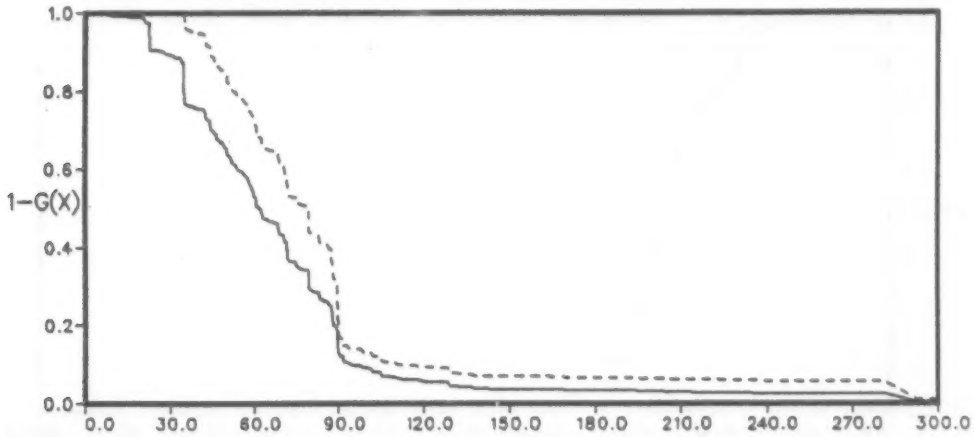


Min: 2.08 Q_1: 34.51 Q_2: 51.03 Q_3: 65.81 Q_4: 87.81 Max: 1917.52

Median: 57.12
Mean: 71.63
Std. Dev.: 89.95

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.611	N_{c1}: 5193	N_{cu1}: 5768
P_{c2}: 0.148	N_{c2}: 1254	N_{cu2}: 1654
P_{c3}: 0.071	N_{c3}: 608	N_{cu3}: 932



Min: 2.08 Q_1: 34.50 Q_2: 53.82 Q_3: 71.28 Q_4: 87.21 Max: 1917.52

Median: 61.64

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.638	A_{c1}: 319791	A_{cu1}: 412988
G_{c2}: 0.090	A_{c2}: 45280	A_{cu2}: 65542
G_{c3}: 0.037	A_{c3}: 18353	A_{cu3}: 34835

Figure 9-161. Population Estimates, Sulfate (SO416), Region 2.

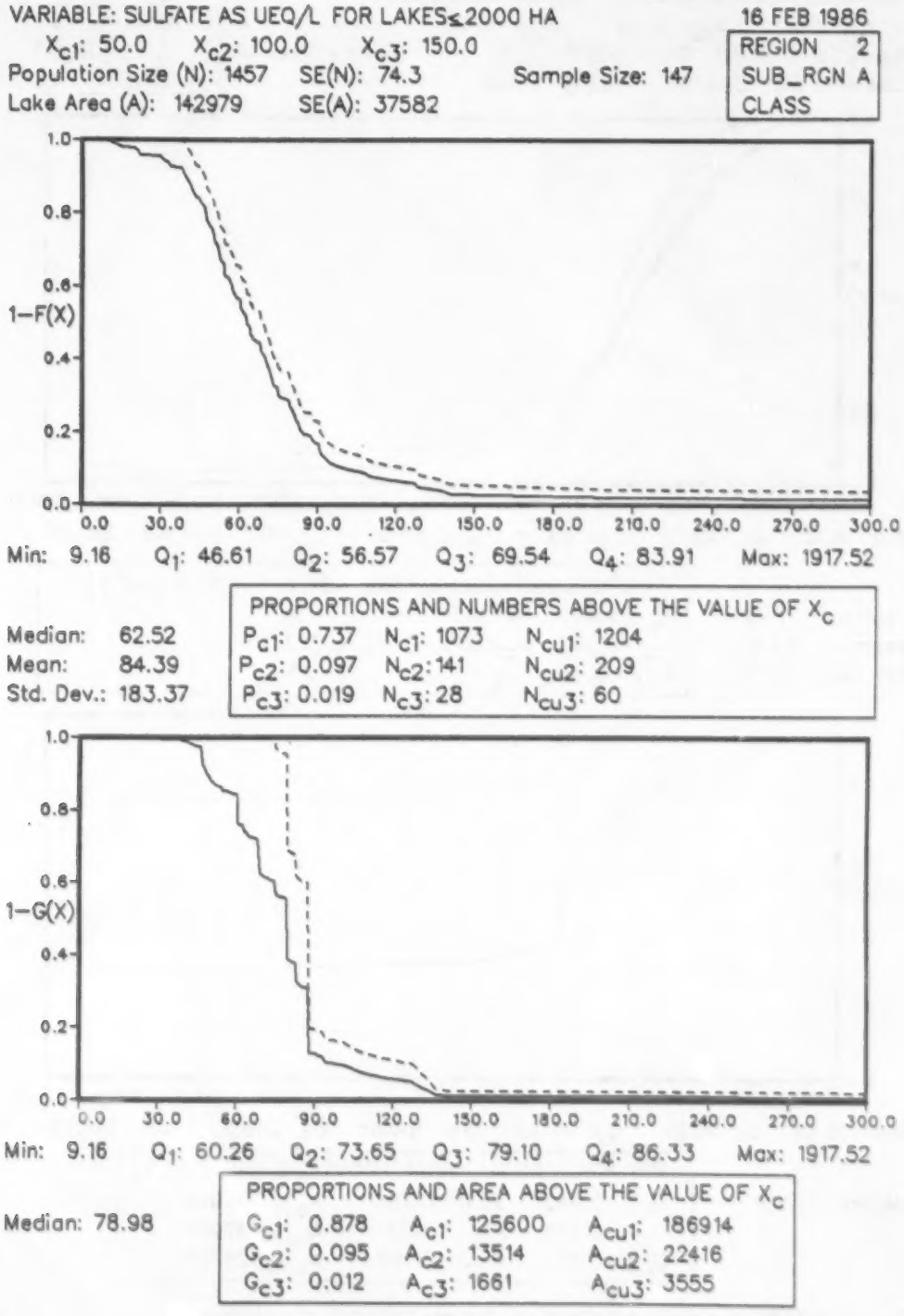


Figure 9-162. Population Estimates, Sulfate (SO416), Subregion 2A.

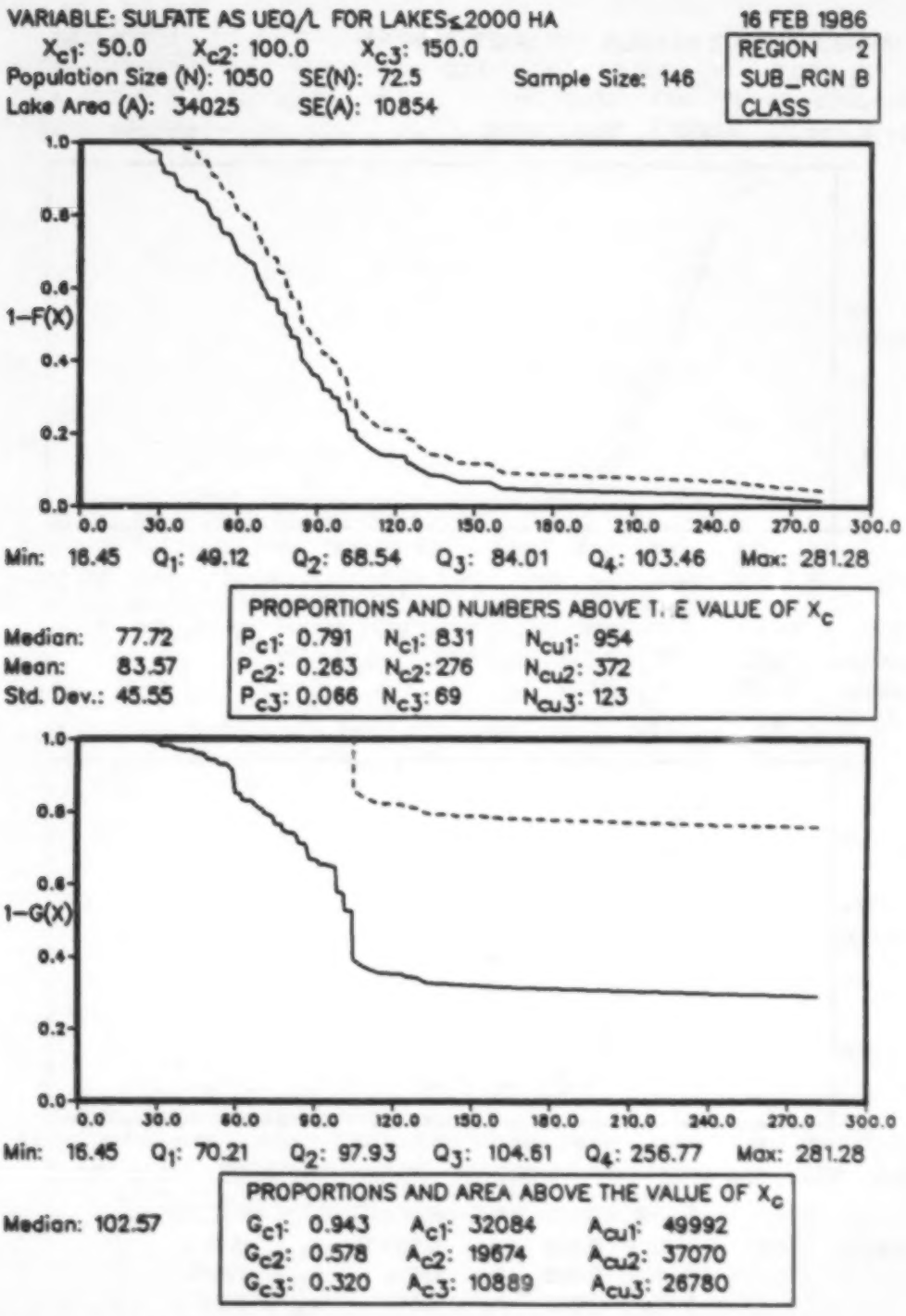


Figure 9-163. Population Estimates, Sulfate (SO416), Subregion 2B.

VARIABLE: SULFATE AS UEQ/L FOR LAKES≤2000 HA

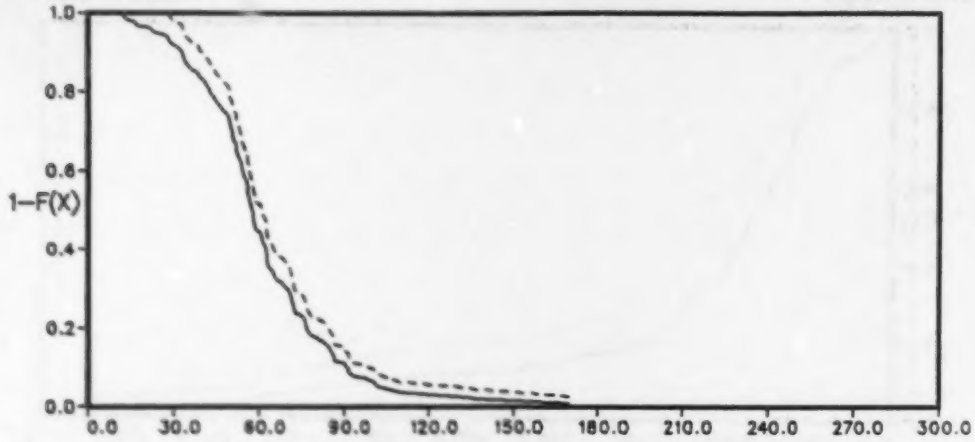
16 FEB 1986

REGION 2
SUB_RGN 2C
CLASS

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 1480 SE(N): 48.8 Sample Size: 153

Lake Area (A): 97556 SE(A): 21357

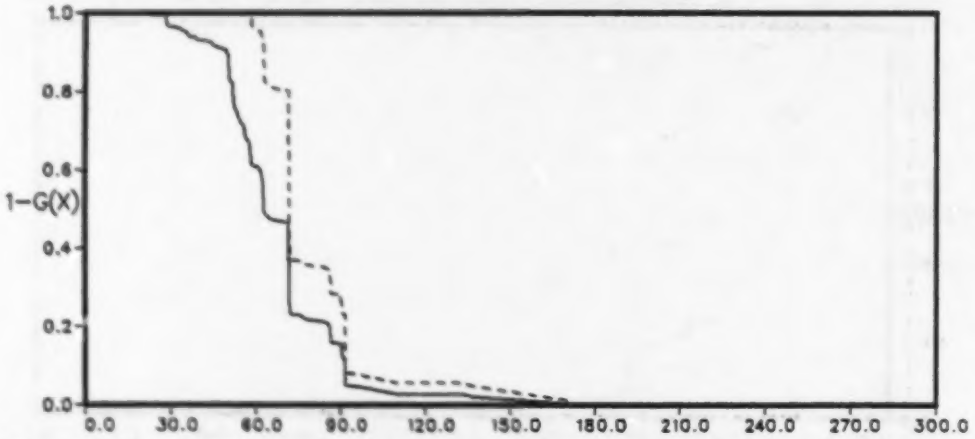


Min: 11.66 Q_1: 41.88 Q_2: 53.53 Q_3: 61.28 Q_4: 76.38 Max: 169.68

Median: 56.93
Mean: 60.50
Std. Dev.: 25.28

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.695	N_{c1}: 1028	N_{cu1}: 1138
P_{c2}: 0.064	N_{c2}: 94	N_{cu2}: 141
P_{c3}: 0.010	N_{c3}: 15	N_{cu3}: 40



Min: 11.66 Q_1: 51.43 Q_2: 60.82 Q_3: 71.00 Q_4: 85.59 Max: 169.68

Median: 62.44

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.831	A_{c1}: 81078	A_{cu1}: 115637
G_{c2}: 0.042	A_{c2}: 4125	A_{cu2}: 7074
G_{c3}: 0.005	A_{c3}: 445	A_{cu3}: 1154

Figure 9-164. Population Estimates, Sulfate (SO416), Subregion 2C.

VARIABLE: SULFATE AS UEQ/L FOR LAKES≤2000 HA

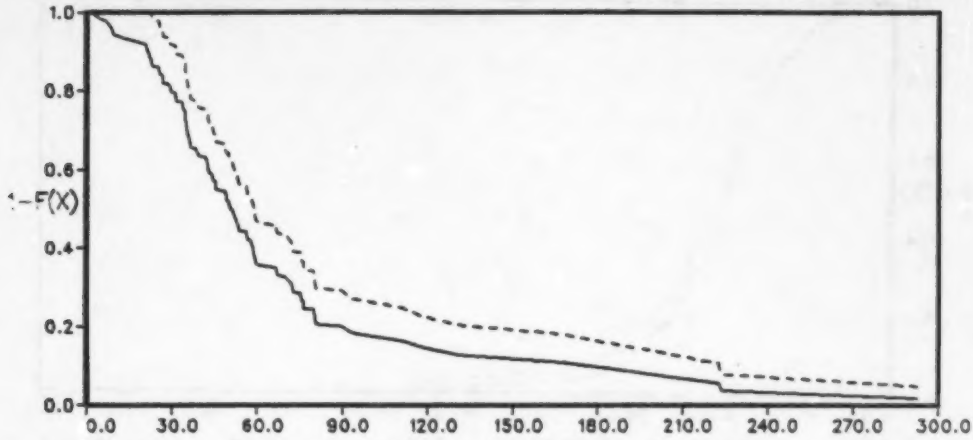
16 FEB 1986

REGION 2
SUB_RGN D
CLASS

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 4515 SE(N): 293.9 Sample Size: 141

Lake Area (A): 226896 SE(A): 58202

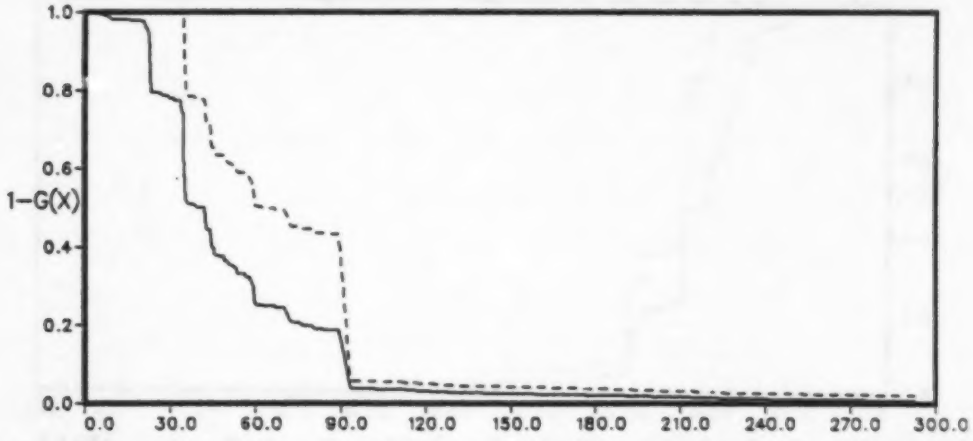


Min: 2.08 Q_1: 29.02 Q_2: 42.35 Q_3: 57.50 Q_4: 85.40 Max: 292.73

Median: 50.14
Mean: 68.38
Std. Dev.: 59.64

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.501	N_{c1}: 2261	N_{cu1}: 2797
P_{c2}: 0.165	N_{c2}: 743	N_{cu2}: 1122
P_{c3}: 0.110	N_{c3}: 495	N_{cu3}: 813



Min: 2.08 Q_1: 22.48 Q_2: 34.49 Q_3: 44.08 Q_4: 76.16 Max: 292.73

Median: 41.44

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.357	A_{c1}: 81029	A_{cu1}: 139434
G_{c2}: 0.035	A_{c2}: 7967	A_{cu2}: 12437
G_{c3}: 0.024	A_{c3}: 5358	A_{cu3}: 9234

Figure 9-165. Population Estimates, Sulfate (SO416), Subregion 2D.

VARIABLE: SULFATE AS UEQ/L FOR LAKES≤2000 HA

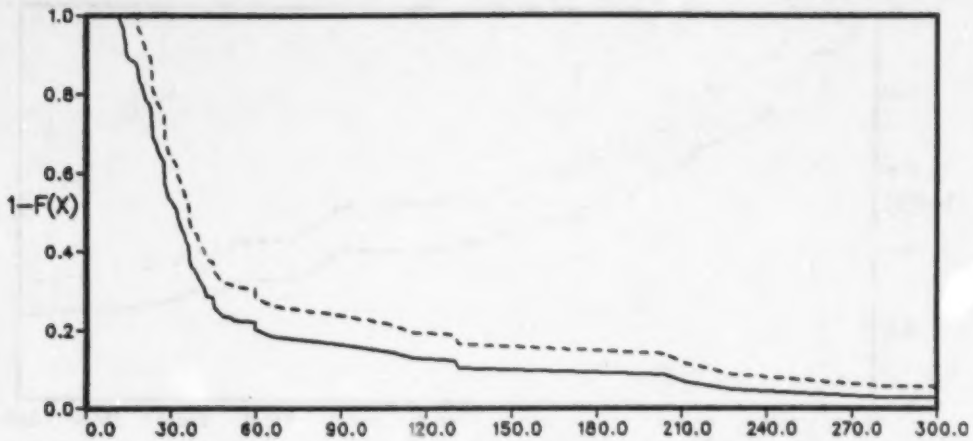
16 FEB 1986

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94

Lake Area (A): 24272 SE(A): 4795

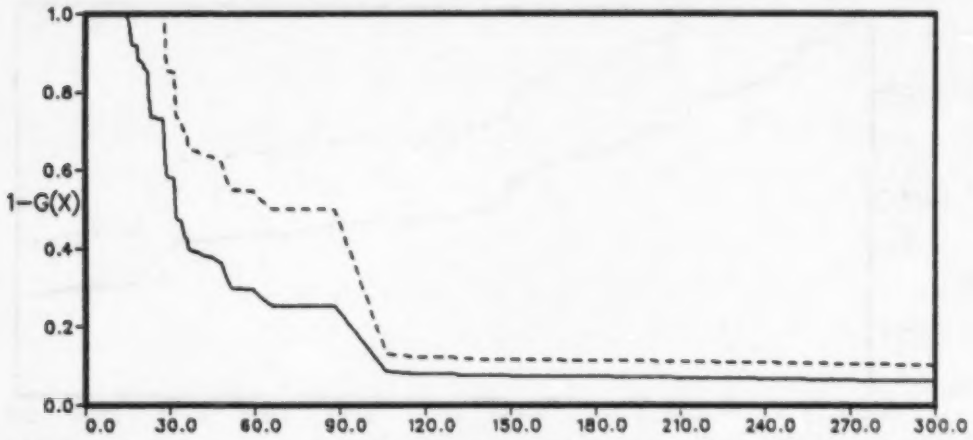


Min: 10.62 Q_1: 19.55 Q_2: 27.10 Q_3: 35.79 Q_4: 59.56 Max: 828.64

Median: 31.84
Mean: 58.96
Std. Dev.: 90.56

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.231	N_{c1}: 59	N_{cu1}: 82
P_{c2}: 0.146	N_{c2}: 38	N_{cu2}: 56
P_{c3}: 0.085	N_{c3}: 22	N_{cu3}: 36



Min: 10.62 Q_1: 21.95 Q_2: 27.88 Q_3: 36.18 Q_4: 73.16 Max: 828.64

Median: 31.41

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.300	A_{c1}: 7281	A_{cu1}: 13390
G_{c2}: 0.087	A_{c2}: 2117	A_{cu2}: 3179
G_{c3}: 0.071	A_{c3}: 1720	A_{cu3}: 2737

Figure 9-166. Population Estimates, Sulfate (SO416), Subregion 3A.

VARIABLE: SULFATE AS UEQ/L FOR LAKES≤2000 HA

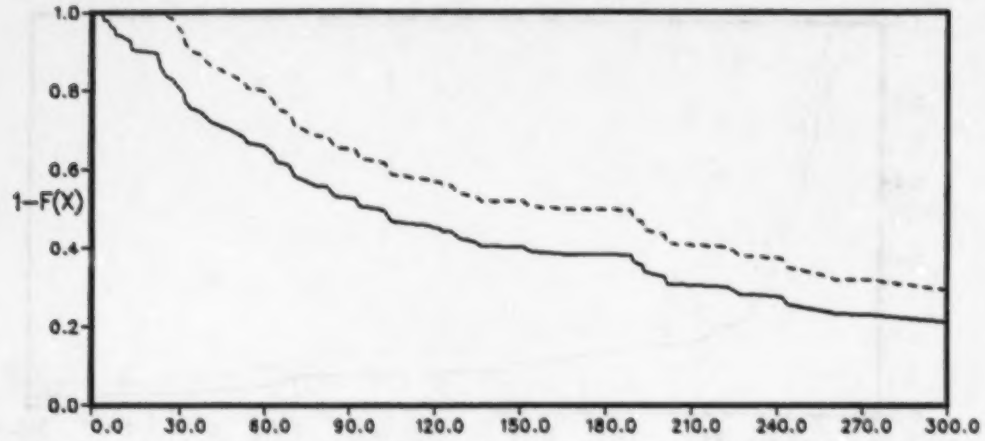
16 FEB 1986

REGION 3
SUB_RGN B
CLASS

X_{c1}: 50.0 X_{c2}: 100.0 X_{c3}: 150.0

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148

Lake Area (A): 66169 SE(A): 10158

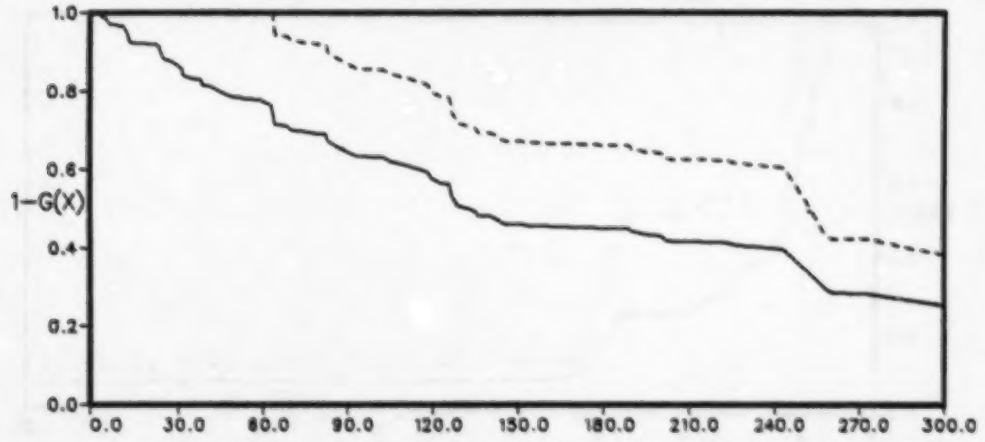


Min: 3.02 Q_1: 28.40 Q_2: 68.09 Q_3: 148.54 Q_4: 272.45 Max: 2477.58

Median: 93.72
Mean: 249.82
Std. Dev.: 416.49

PROPORTIONS AND NUMBERS ABOVE THE VALUE OF X_c

P_{c1}: 0.681	N_{c1}: 1428	N_{cu1}: 1720
P_{c2}: 0.494	N_{c2}: 1037	N_{cu2}: 1290
P_{c3}: 0.403	N_{c3}: 846	N_{cu3}: 1088



Min: 3.02 Q_1: 39.79 Q_2: 108.94 Q_3: 229.22 Q_4: 393.58 Max: 2477.58

Median: 128.33

PROPORTIONS AND AREA ABOVE THE VALUE OF X_c

G_{c1}: 0.783	A_{c1}: 51787	A_{cu1}: 67699
G_{c2}: 0.631	A_{c2}: 41764	A_{cu2}: 56528
G_{c3}: 0.460	A_{c3}: 30443	A_{cu3}: 44423

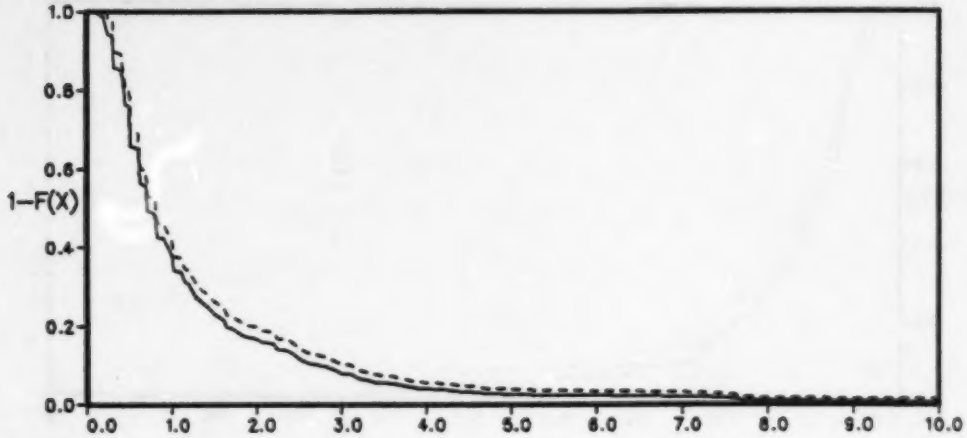
Figure 9-167. Population Estimates, Sulfate (SO416), Subregion 3B.

VARIABLE: TURBIDITY IN NTU FOR LAKES ≤2000 HA

16 FEB 1986

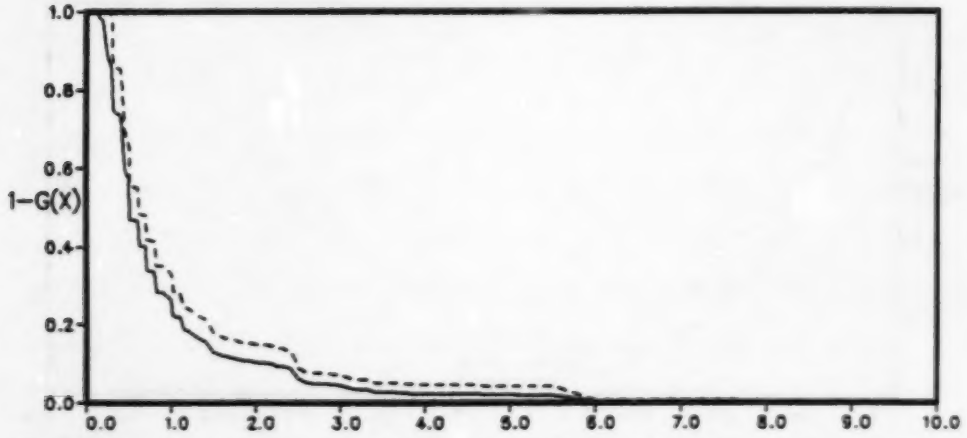
REGION	1
SUB_RGN	
CLASS	

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36414



Min: 0.00 Q_1: 0.40 Q_2: 0.60 Q_3: 0.90 Q_4: 1.59 Max: 17.40

Median: 0.70
Mean: 1.26
Std. Dev.: 1.73



Min: 0.00 Q_1: 0.28 Q_2: 0.45 Q_3: 0.69 Q_4: 1.07 Max: 17.40

Median: 0.50

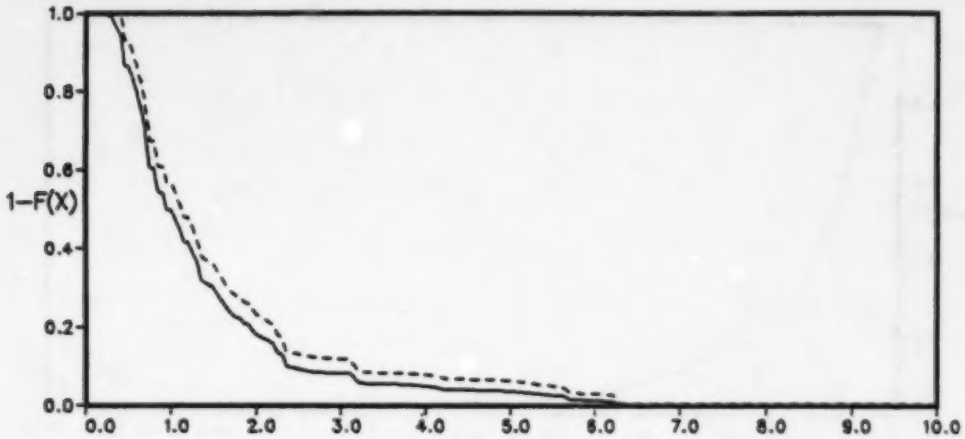
Figure 9-168. Population Estimates, Turbidity (TURVAL), Region 1.

VARIABLE: TURBIDITY IN NTU FOR LAKES ≤2000 HA

16 FEB 1986

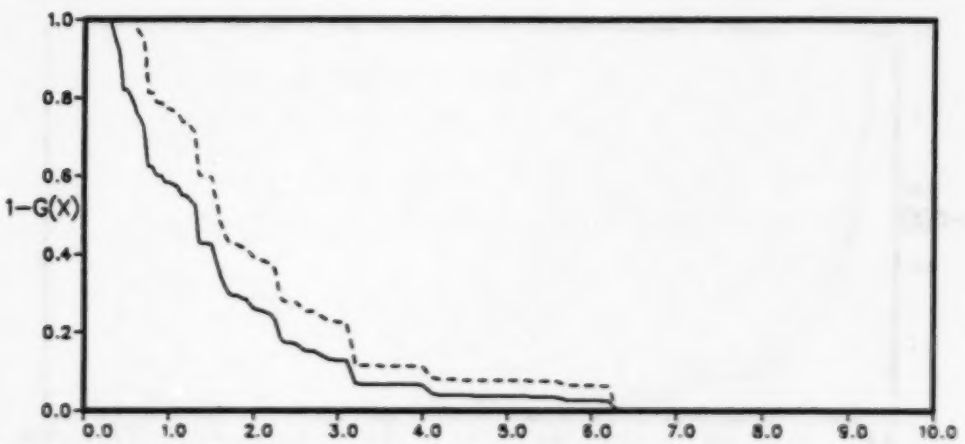
REGION	2
SUB_RGN	
CLASS	

Population Size (N): 8501 SE(N): 315.5 Sample Size: 587
Lake Area (A): 501457 SE(A): 73306



Min: 0.10 Q_1: 0.50 Q_2: 0.80 Q_3: 1.16 Q_4: 1.86 Max: 24.00

Median: 0.90
Mean: 1.34
Std. Dev.: 1.33



Min: 0.10 Q_1: 0.47 Q_2: 0.90 Q_3: 1.50 Q_4: 2.23 Max: 24.00

Median: 1.23

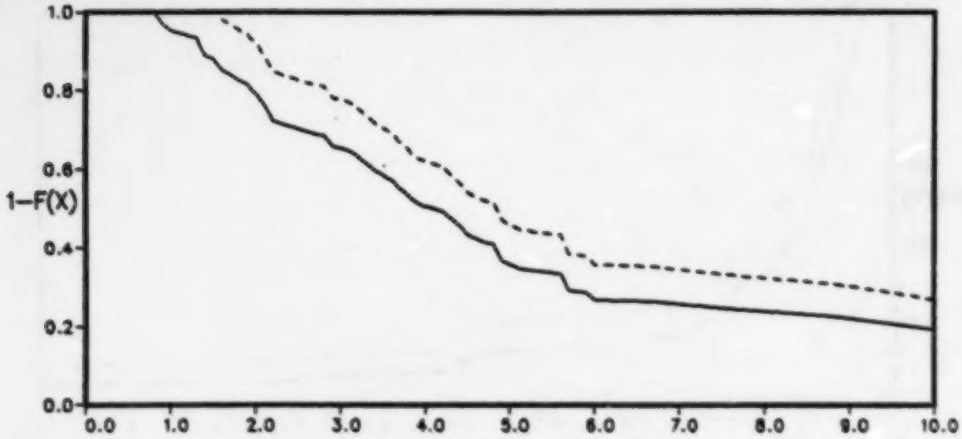
Figure 9-169. Population Estimates, Turbidity (TURVAL), Region 2.

VARIABLE: TURBIDITY IN NTU FOR LAKES ≤2000 HA

16 FEB 1986

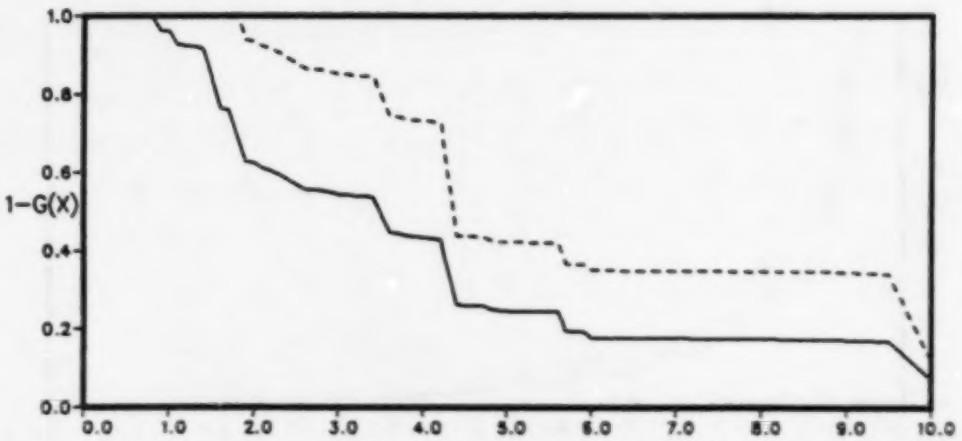
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.5 Sample Size: 94
Lake Area (A): 24272 SE(A): 4795



Min: 0.80 Q_1: 1.86 Q_2: 3.28 Q_3: 4.73 Q_4: 9.14 Max: 28.00

Median: 3.87
Mean: 5.81
Std. Dev.: 5.54



Min: 0.80 Q_1: 1.46 Q_2: 2.15 Q_3: 3.95 Q_4: 5.57 Max: 28.00

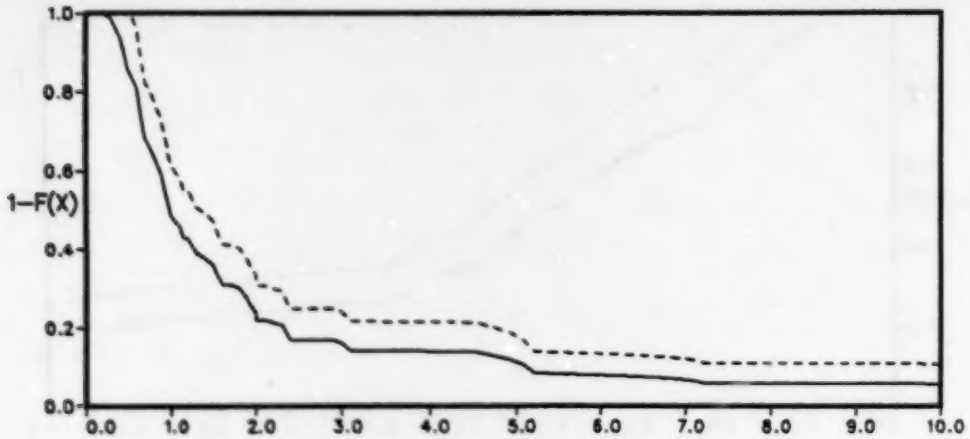
Median: 3.34

Figure 9-170. Population Estimates, Turbidity (TURVAL), Subregion 3A.

VARIABLE: TURBIDITY IN NTU FOR LAKES ≤2000 HA 16 FEB 1986

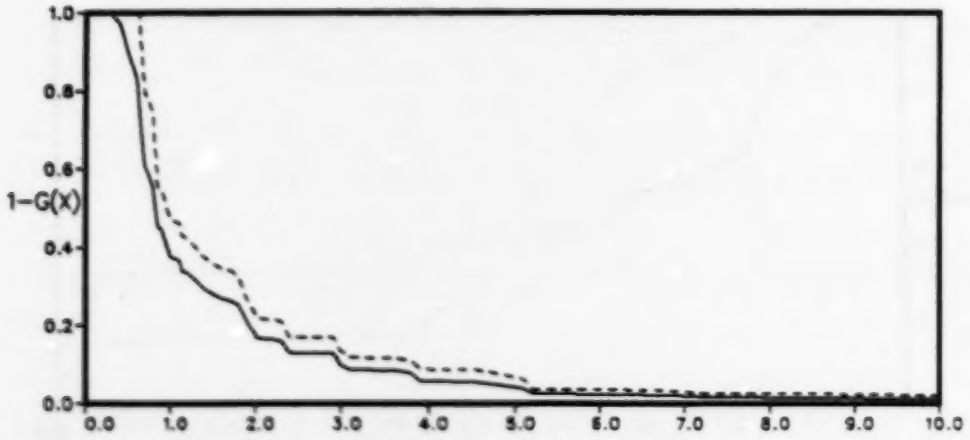
REGION 3
SUB_RGN B
CLASS

Population Size (N): 2098 SE(N): 212.6 Sample Size: 148
Lake Area (A): 66169 SE(A): 10158



Min: 0.10 Q_1: 0.51 Q_2: 0.82 Q_3: 1.19 Q_4: 2.22 Max: 290.00

Median: 0.89
Mean: 7.47
Std. Dev.: 38.98



Min: 0.10 Q_1: 0.51 Q_2: 0.62 Q_3: 0.88 Q_4: 1.82 Max: 290.00

Median: 0.75

Figure 9-171. Population Estimates, Turbidity (TURVAL), Subregion 3B.

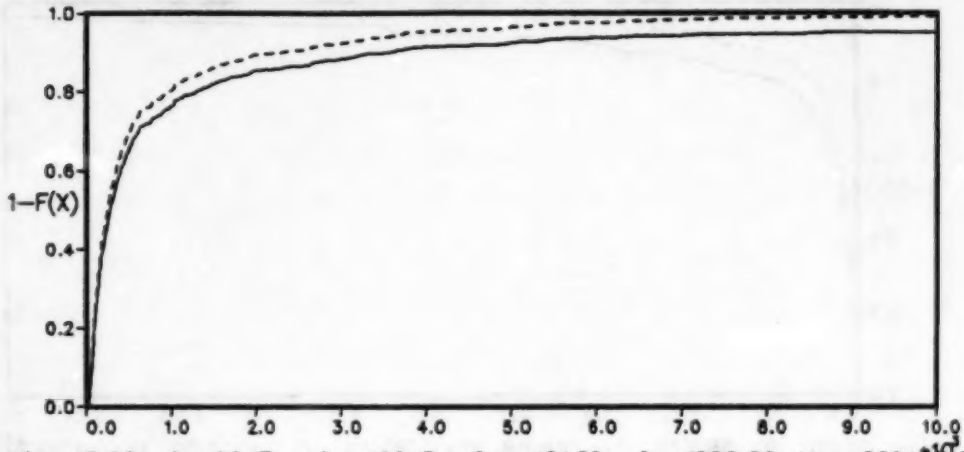
VARIABLE: WATERSHED AREA IN HA FOR LAKES ≤2000 HA

22 JAN 1986

REGION	1
SUB_RGN	
CLASS	

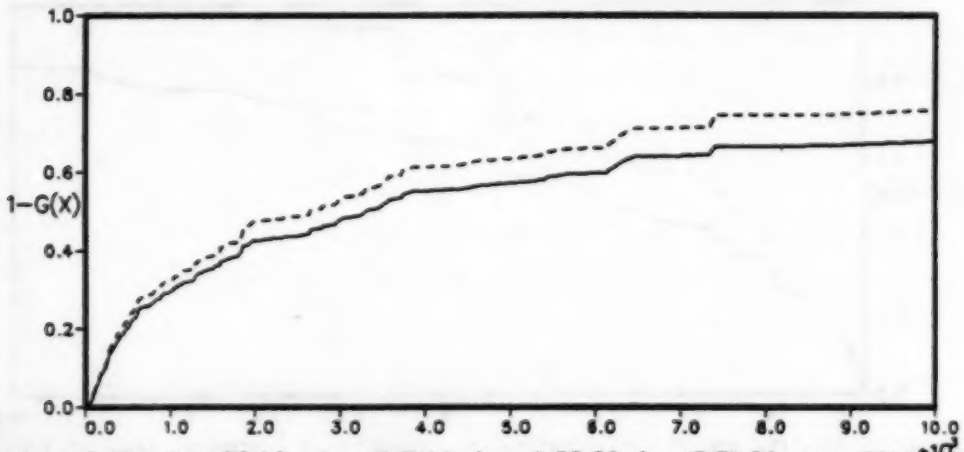
Population Size (N): 7096 SE(N): 165.3 Sample Size: 763

Lake Area (A): 427864 SE(A): 36409



Min: 13.00 Q_1: 90.17 Q_2: 196.15 Q_3: 401.52 Q_4: 1288.86 Max: 229435.00

Median: 270.49
Mean: 3398.58
Std. Dev.: 16972.40



Min: 13.00 Q_1: 475.93 Q_2: 1847.96 Q_3: 6135.38 Q_4: 17474.30 Max: 229435.00

Median: 3303.42

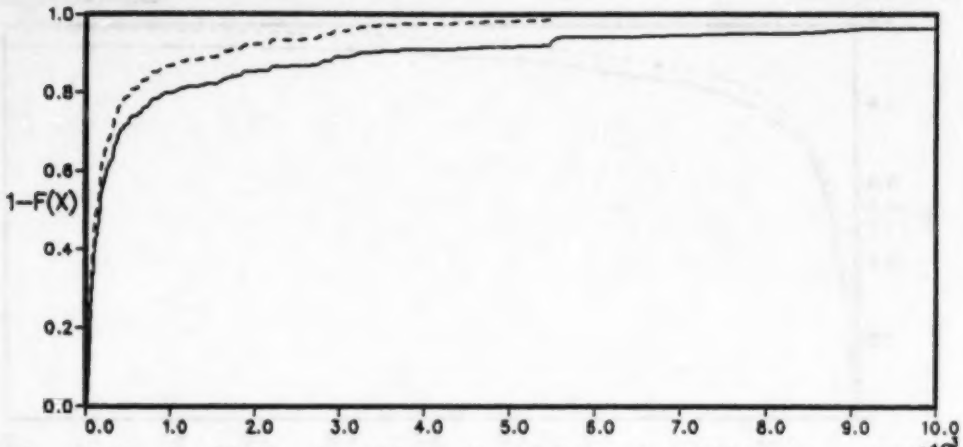
Figure 9-172. Population Estimates, Watershed Area (WSHED), Region 1.

VARIABLE: WATERSHED AREA IN HA FOR LAKES ≤2000 HA

22 JAN 1986

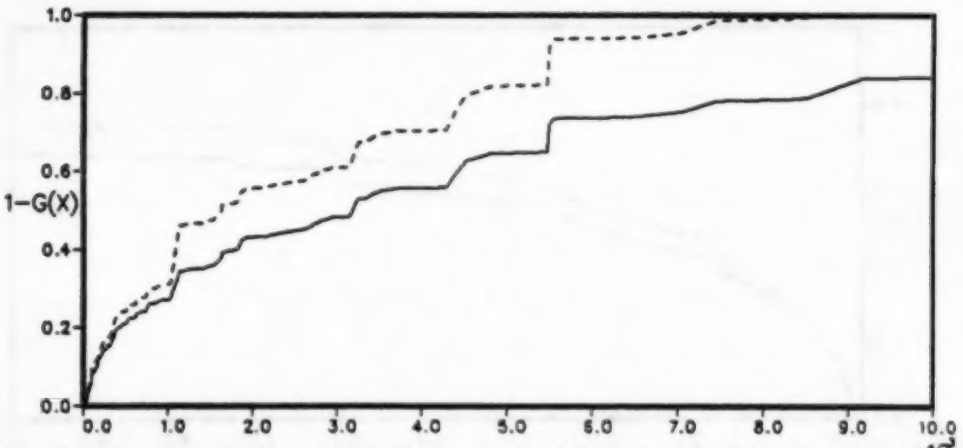
REGION	2
SUB_RGN	
CLASS	

Population Size (N): 8515 SE(N): 315.5 Sample Size: 587
Lake Area (A): 503577 SE(A): 73688



Min: 10.00 Q_1: 55.97 Q_2: 109.88 Q_3: 247.44 Q_4: 1023.02 Max: 131209.00

Median: 177.14
Mean: 1993.40
Std. Dev.: 8566.93



Min: 10.00 Q_1: 418.97 Q_2: 1787.70 Q_3: 4424.01 Q_4: 8655.20 Max: 131209.00

Median: 3185.37

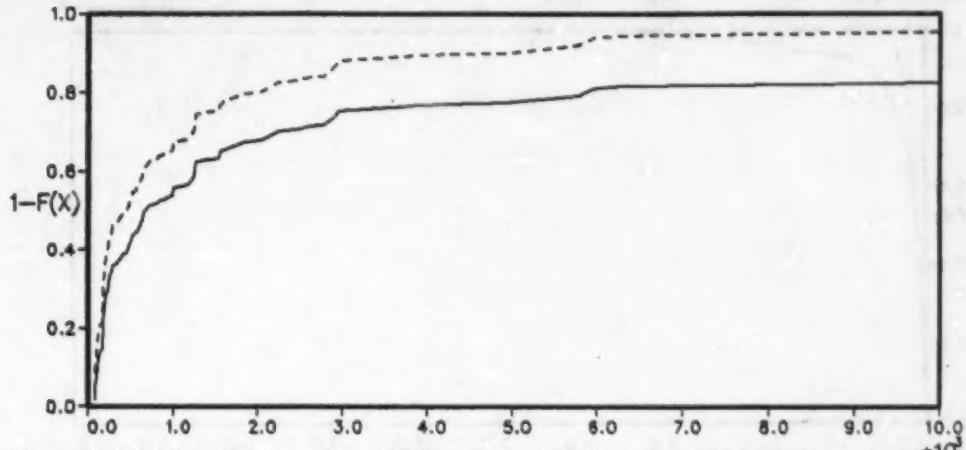
Figure 9-173. Population Estimates, Watershed Area (WSHED), Region 2.

VARIABLE: WATERSHED AREA IN HA FOR LAKES ≤2000 HA

22 JAN 1986

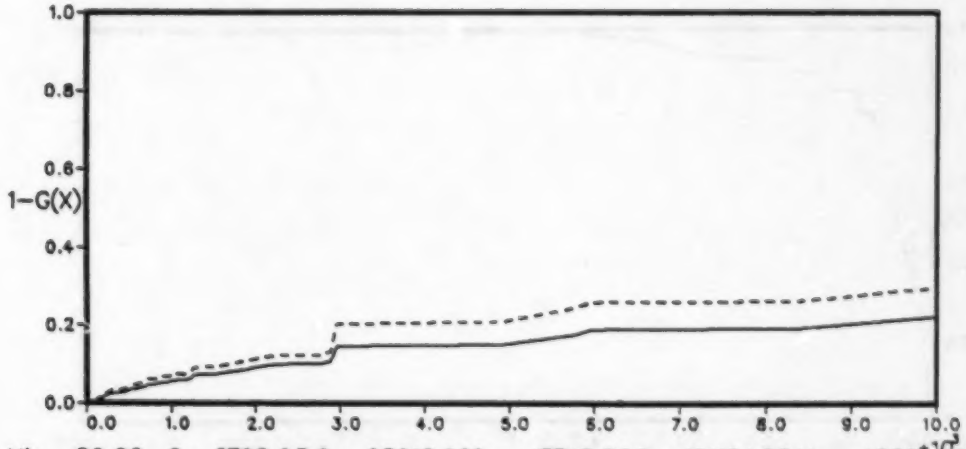
REGION	3
SUB_RGN	A
CLASS	

Population Size (N): 258 SE(N): 20.6 Sample Size: 94
Lake Area (A): 24273 SE(A): 4798



Min: 80.00 Q_1: 182.04 Q_2: 465.69 Q_3: 1245.16 Q_4: 5836.03 Max: 482670.00

Median: 681.84
Mean: 21299.10
Std. Dev.: 63765.60



Min: 80.00 Q_1: 8798.03 Q_2: 23618.90 Q_3: 47743.80 Q_4: 191194.00 Max: 482670.00

Median: 37369.90

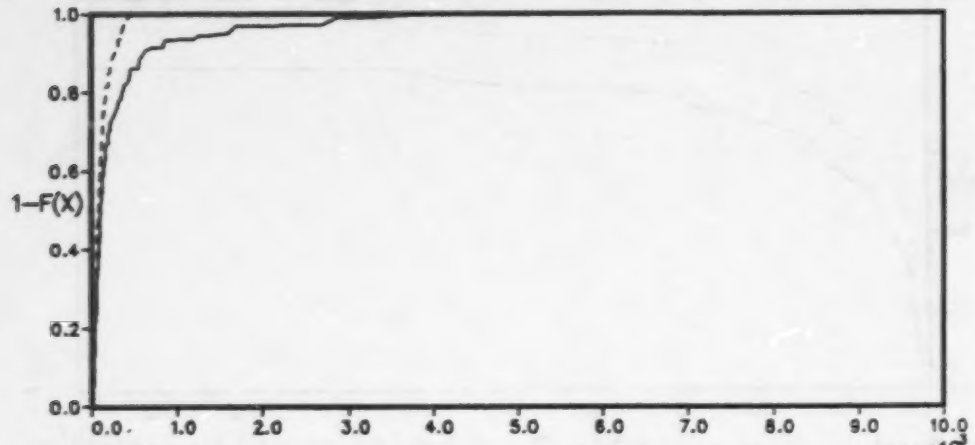
Figure 9-174. Population Estimates, Watershed Area (WSHED), Subregion 3A.

VARIABLE: WATERSHED AREA IN HA FOR LAKES ≤2000 HA

22 JAN 1986

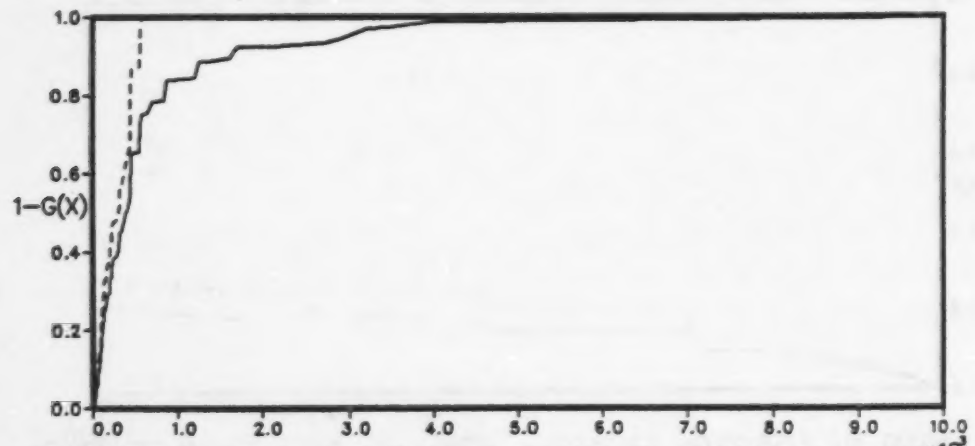
REGION 3
SUB_RGN 8
CLASS

Population Size (N): 2138 SE(N): 221.6 Sample Size: 129
Lake Area (A): 64786 SE(A): 10742



Min: 16.00 Q_1: 34.70 Q_2: 83.49 Q_3: 136.07 Q_4: 351.69 Max: 12212.00

Median: 114.60
Mean: 317.71
Std. Dev.: 666.65



Min: 16.00 Q_1: 116.23 Q_2: 289.15 Q_3: 441.57 Q_4: 838.98 Max: 12212.00

Median: 391.49

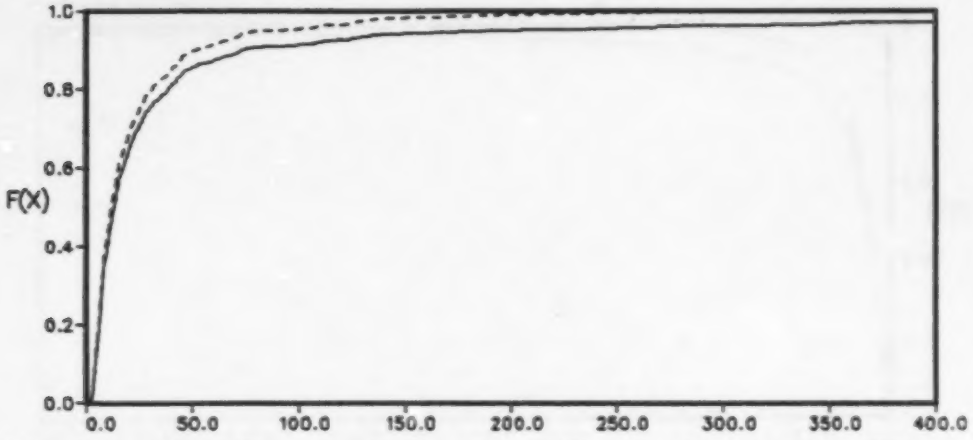
Figure 9-175. Population Estimates, Watershed Area (WSHED), Subregion 3B.

VARIABLE: WATERSHED/LAKE AREA FOR LAKES ≤2000 HA

16 FEB 1986

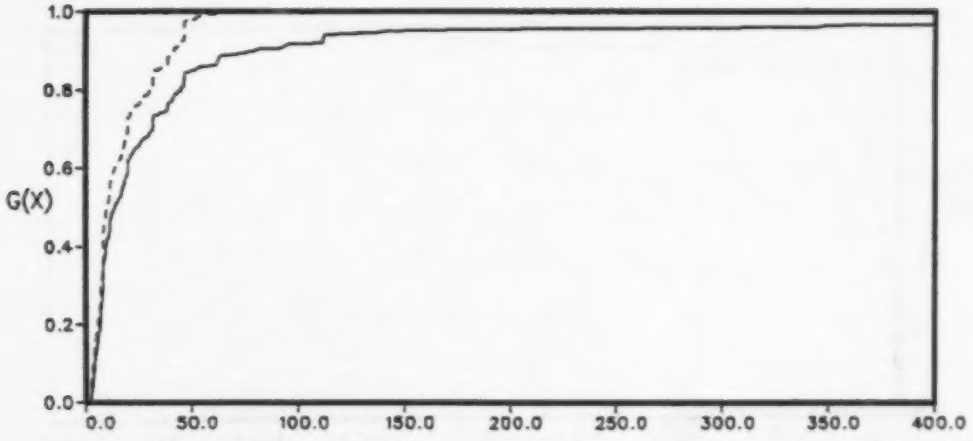
REGION 1
SUB_RGN
CLASS

Population Size (N): 7096 SE(N): 165.3 Sample Size: 763
Lake Area (A): 427864 SE(A): 36409



Min: 1.90 Q_1: 6.20 Q_2: 10.04 Q_3: 17.20 Q_4: 38.63 Max: 16843.70

Median: 13.04
Mean: 72.00
Std. Dev.: 557.58



Min: 1.90 Q_1: 6.71 Q_2: 9.69 Q_3: 19.84 Q_4: 44.74 Max: 16843.70

Median: 13.58

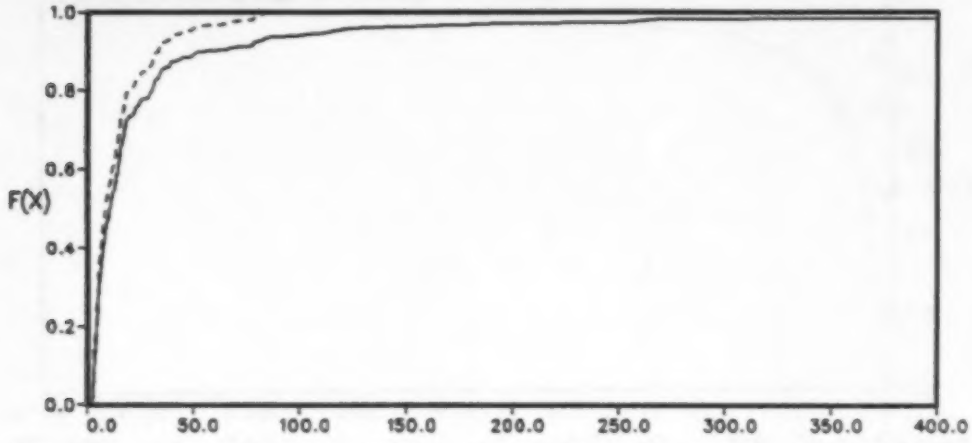
Figure 9-176. Population Estimates, Watershed Area/Lake Area (WALA), Region 1.

VARIABLE: WATERSHED/LAKE AREA FOR LAKES ≤2000 HA

16 FEB 1986

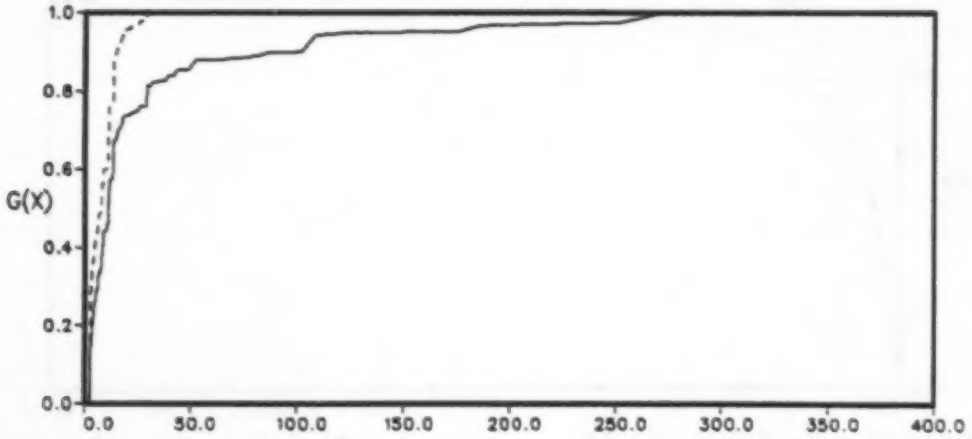
REGION 2
SUB_RGN
CLASS

Population Size (N): 8515 SE(N): 315.5 Sample Size: 587
Lake Area (A): 503577 SE(A): 73688



Min: 1.73 Q_1: 4.31 Q_2: 7.45 Q_3: 14.10 Q_4: 30.32 Max: 1687.34

Median: 10.28
Mean: 43.67
Std. Dev.: 175.01



Min: 1.73 Q_1: 3.54 Q_2: 8.45 Q_3: 13.19 Q_4: 29.04 Max: 1687.34

Median: 11.11

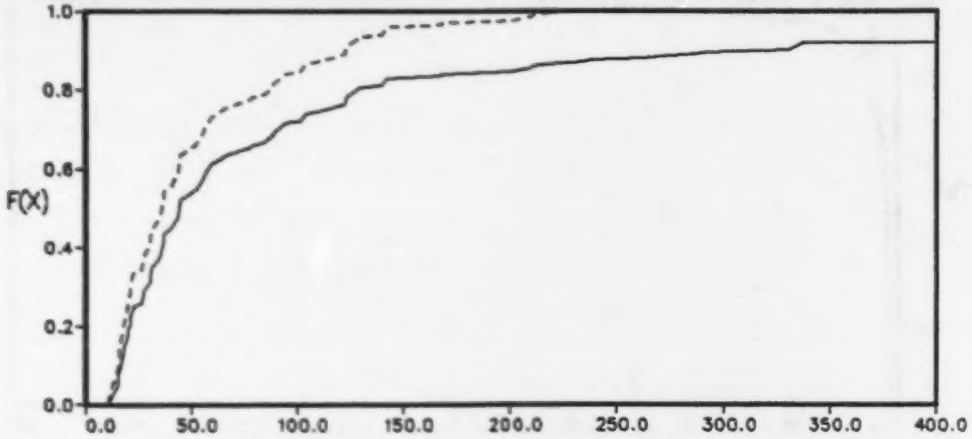
Figure 9-177. Population Estimates, Watershed Area/Lake Area (WALA), Region 2.

VARIABLE: WATERSHED/LAKE AREA FOR LAKES ≤2000 HA

16 FEB 1986

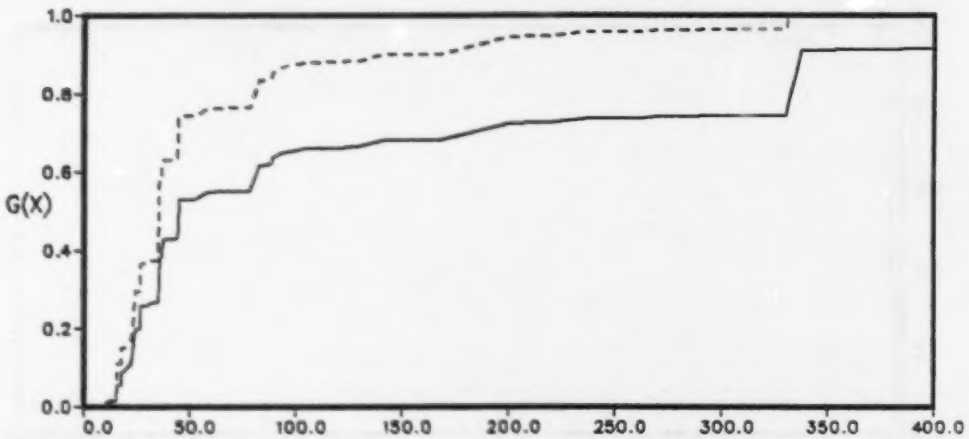
REGION 3
SUB_RGN A
CLASS

Population Size (N): 258 SE(N): 20.6 Sample Size: 94
Lake Area (A): 24273 SE(A): 4798



Min: 10.14 Q_1: 20.69 Q_2: 35.91 Q_3: 57.62 Q_4: 127.93 Max: 5301.14

Median: 44.22
Mean: 242.94
Std. Dev.: 772.71



Min: 10.14 Q_1: 26.36 Q_2: 36.87 Q_3: 81.49 Q_4: 332.61 Max: 5301.14

Median: 44.52

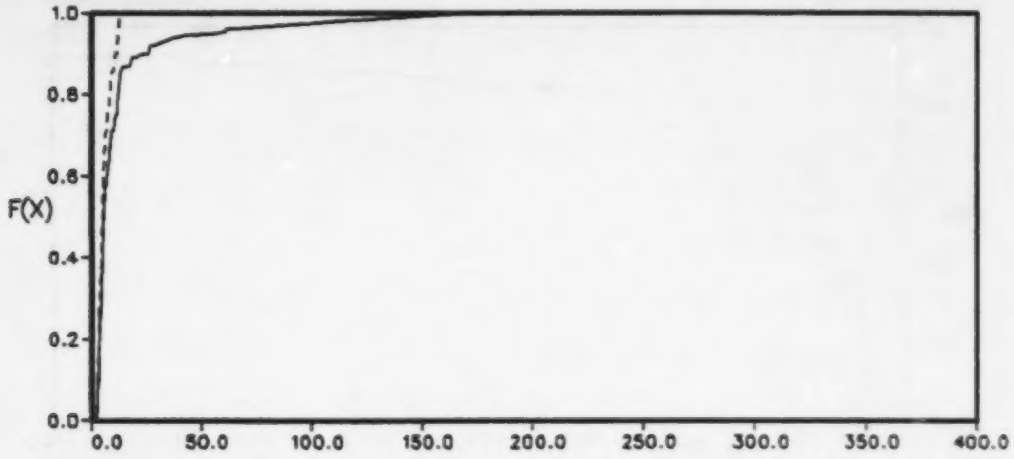
Figure 9-178. Population Estimates, Watershed Area/Lake Area (WALA), Subregion 3A.

VARIABLE: WATERSHED/LAKE AREA FOR LAKES ≤2000 HA

16 FEB 1986

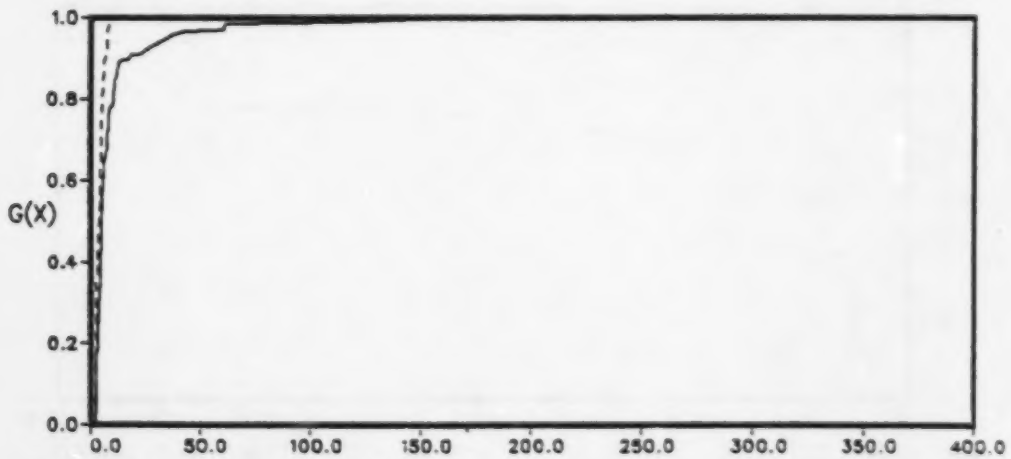
REGION 3
SUB_RGN B
CLASS

Population Size (N): 2138 SE(N): 221.6 Sample Size: 129
Lake Area (A): 64786 SE(A): 10742



Min: 1.91 Q_1: 3.54 Q_2: 4.84 Q_3: 6.90 Q_4: 11.99 Max: 172.71

Median: 5.50
Mean: 13.91
Std. Dev.: 27.93

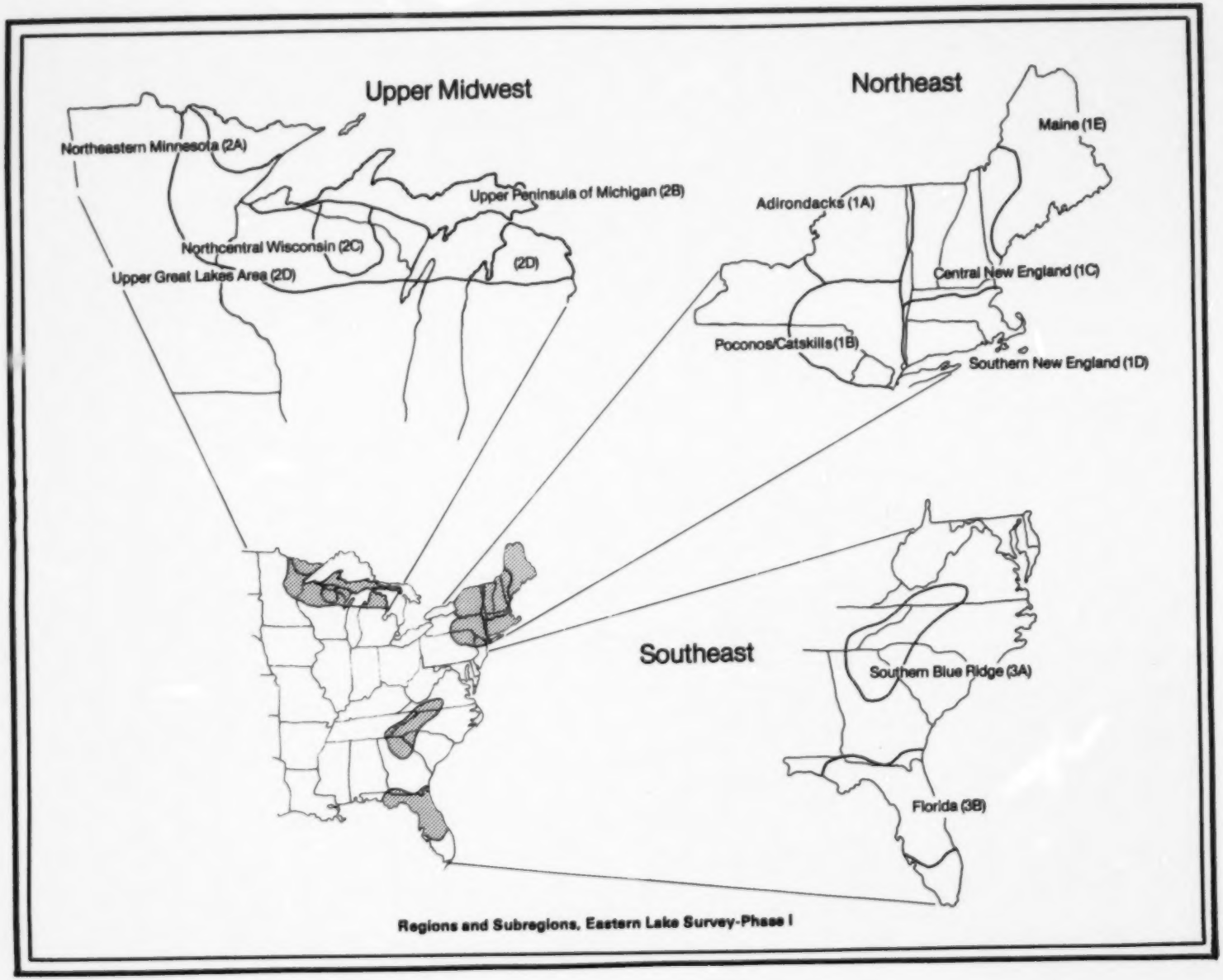


Min: 1.91 Q_1: 3.18 Q_2: 4.43 Q_3: 5.79 Q_4: 10.26 Max: 172.71

Median: 4.76

•U.S. GOVERNMENT PRINTING OFFICE: 1986 -646-116/ 40613 REGION NO. 4

Figure 9-179. Population Estimates, Watershed Area/Lake Area (WALA), Subregion 3R



Regions and Subregions, Eastern Lake Survey-Phase I